

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel S84-084

9322 Crestview Drive

HOUSTON, TEXAS

for

**CITY OF HOUSTON**

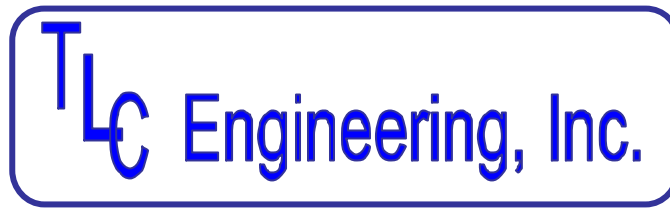


**Building Services Department**

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July, 2005  
**Report No: 0601-02**



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July 29, 2005

Mr. Gabriel Mussio  
Building Services Department, City of Houston  
900 Bagby, City Hall Annex 2nd Floor  
Houston, Texas 77208

Reference: Phase I Environmental Site Assessment – Parcel S84-084 - 9322 Crestview  
Drive, Houston, Texas 77078

Dear Mr. Mussio:

Contained within this transmittal are the results of the Phase I Environmental Site Assessment performed for the above referenced project. This report presents data and recommendations for the above site. This study was authorized as per our communication for our professional services.

We thank you for allowing us to work with you on this project and look forward to opportunities to work with you and the City of Houston Building Services in the future.

Sincerely yours,

Tony L. Council, P.E.  
President

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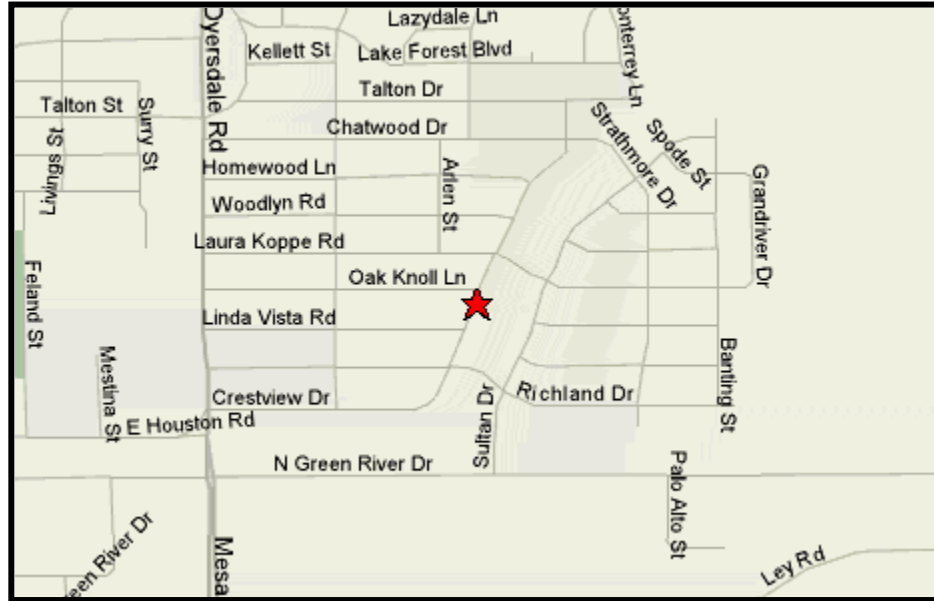
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## 1. EXECUTIVE SUMMARY

TLC Engineering, Inc. has completed a Phase I Environmental Site Assessment (ESA) at 9322 Crestview Drive in southeast Houston, Texas. The purpose of this study was to identify previous and current land use activities that could represent environmental concerns to the proposed project.



The project site is located south of the intersections of Laura Koppe and Crestview drives and is situated in an area of single family residential development.

The available information for this project is summarized below:

- Historical information indicates that the project site is situated in a fully developed, urbanized community with land usage consisting of residential, multi-residential development and commercial development. This location was formerly a City of Houston water plant site.
- The project area is underlain by clayey soils associated with the Lissie Formation. Groundwater for domestic, commercial, and industrial uses are produced from the Chicot and Evangeline aquifers where it is pumped generally from depths of 400 feet or greater.
- A review of regulatory databases revealed fourteen (14) regulated sites of concern; six (6) Leaking Underground Storage Tanks (LUST), and two (2) Underground Storage Tanks (UST) and one (1) Resource Conservation and Recovery Information System-Treatment, Storage or Disposal (RCRA-TSD), four (4) Emergency Response Notification System (ERNS) and one (1) TCEQ Solid Waste Facilities (LF) listings.

Research indicated fourteen (14) regulated sites were found in environmental records. After carefully reviewing the environmental records, site reconnaissance, and current and historical industrial and commercial activity at the project site and adjacent properties, there is no evidence of adverse environmental impacts to the project site. Therefore, TLC Engineering is not recommending further investigation.

Please note that this executive summary does not fully relate our findings and opinions. Those findings and opinions are only related through our full report.

## **2. INTRODUCTION**

### **2.1 Purpose**

The purpose of this study is to identify, to the extent feasible, recognized environmental conditions that may exist along the project site. Recognized environmental conditions, in this case means the presence or likely presence of any hazardous substances or petroleum products along the project site from conditions that a past release occurred of any hazardous substances or petroleum products into structures along the project site or into the ground, groundwater, or surface water along the project site. This does not include conditions that generally do not present a material risk of harm to public health, the environment, and contractors working for the City of Houston.

### **2.2 Detailed Scope of Services**

The Phase I ESA along the project site described herein conforms to the ASTM Standard Practice E 1527-00 and ECRE Standard Practice.

- (1) Environmental regulatory agency summary records were obtained for sites regulated near the project site. Following initial review, additional information was obtained through file review, field observations, and interviews.
- (2) Available historical maps, aerial photos, and directories were obtained and reviewed to determine if current or prior land owner/occupants may have engaged in activities on adjacent properties which may have been an environmental concern.
- (3) Available geologic literature was reviewed to characterize the geologic, physiographic, and hydro geologic setting to determine potential release pathways.
- (4) A site reconnaissance was performed to conduct interviews, verify environmental and historical records, identify current land-use activities, and identify potential areas of environmental concern based on current conditions and development.
- (5) This report was prepared summarizing our findings, conclusions, and recommendations.

### **2.3 Significant Assumptions**

This ESAI is intended for use by the City of Houston and its contractors to assess the environmental conditions of the herein described project site. This ESAI is intended primarily as an approach to conducting an inquiry designed to identify recognized environmental conditions in connection with the project site. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time

and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors. This environmental site assessment meets and/or exceeds E 1527-00 and is presumed to be valid for a period of one hundred eighty (180) days.

## **2.4 Limitations and Exceptions**

This report is an instrument of service of TLC Engineering, Inc. The report was prepared for and is intended for the exclusive use of the City of Houston and its contractors. Any other party without the express written permission of TLC Engineering, Inc. may not rely upon the report's contents. The report's findings are based upon conditions that existed on the date of TLC Engineering, Inc.'s site visit and available records and should not be relied upon to precisely represent conditions at any other time. Certain indicators of the presence of hazardous materials may have been latent at the time of site reconnaissance and may subsequently have become observable. TLC Engineering, Inc. has based the conclusions included in the report on its observation of existing conditions, its interpretation of site history, and its interpretation of the usage it was able to access. All conclusions are qualified by the fact that no borings were drilled and no soil, sediment, or groundwater sampling or chemical testing was conducted. Conclusions about project site conditions under no circumstances comprise a warranty that conditions in all areas within the project site (and below existing grade) are of the same quality that TLC Engineering, Inc. has inferred from observable project site conditions and readily available project site history.

TLC Engineering, Inc. reserves the right to alter our conclusions and recommendations based on our review of any information obtained after the date of this report. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar conditions, by environmental consultants practicing in this or similar localities. No warranty, express or implied, is made as to the professional information included in this report.

## **2.5 Special Terms and Conditions**

Not Applicable.

## **2.6 User Reliance**

The City of Houston has provided TLC Engineering, Inc. with site location information related to the project site. The City of Houston has not reported to TLC Engineering, Inc. any environmental liens encumbering the project site or any specialized knowledge or experience that would provide important information about previous ownership or uses of the project site that may be material to identifying recognized environmental conditions. TLC Engineering, Inc.'s findings and opinions must be considered probabilities based on professional judgment applied to the limited data TLC Engineering, Inc. was able to gather during the course of the site assessment.

### **3. SITE DESCRIPTION**

#### **3.1 Location and Legal Description**

##### ***Physical Location***

9322 Crestview Drive, Parcel S84-084, Harris County, Houston, Texas 77078 – Lot 176-Block 7, Chatwood Place 2 Subdivision - Key Map 455H 29° 38.399'N Latitude, 95° 15.304'W Longitude.

#### **3.2 Site and Vicinity Characteristics**

The project site, approximately 16,117 square feet, is located at 9322 Crestview Drive in Houston, Harris County. Site can be accessed from a major thoroughfare in the area, Laura Koppe. The site is bounded on Crestview on the west, Lot 177, Block 7 on the north and Lot 175, Block 7 of Chatwood Place 2 subdivision on the east. The site is a former City of Houston water plant site.

#### **3.3 Descriptions of Structures**

There were no structures present on the site.

#### **3.4 Use of Property**

The site is currently vacant governmental exempt property.

#### **3.5 Current Use of Adjoining Property**

Property adjoining the site was vacant property located in the Chatwood Place 2 Subdivision.

### **4. USER-PROVIDED INFORMATION**

#### **4.1 Title Records**

Title research and investigation was not required by Building Services.

#### **4.2 Environmental Liens**

No knowledge of environmental liens regarding this site was transmitted to TLC Engineering, Inc. by the City of Houston.

#### **4.3 Special Knowledge**

No specialized knowledge of Recognized Environmental Concerns (RECs), Historical Recognized Environmental Concerns (HRECs) or other potential environmental concerns were reported by the City of Houston.

#### **4.4 Valuation Reduction for Environmental Issues**

No property valuation reduction relating to environmental concerns was reported by the City of Houston.

#### **4.5 Owner, Property Manager and Occupant Information**

City of Houston

#### 4.6 Reason for Performing Phase I

The Phase I ESA is intended to identify and document any recognized environmental concerns that may exist on the subject property.

### 5. RECORDS REVIEW

TLC Engineering, Inc. reviewed federal and state agency databases obtained from TelALL Corporation, HAZMAT, and TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - TCEQ (formerly Texas Natural Resource Conservation Commission - TNRCC) for nearby regulated sites to determine their status, and to identify specific addresses and site names that would aid in conducting our field reconnaissance. The general boundary of the search area includes the project site and extends about five hundred feet (500) from the project site for most sites, and one (1) mile for federal and state superfund sites, and federal hazardous waste sites. The environmental sites are shown on the Environment Site Summary Map on Plate 2 of this report. A copy of the environmental records reports obtained from TelALL Corporation is included in Appendix I.

A complete list of all government records searched is included in the TelALL report in the Appendix I.

#### 5.1 Standard Environmental Record Sources Search Results

A review of regulatory databases revealed that fourteen (14) map locations representing environmental site listings are located at or near the project site. All regulatory database searches were performed in compliance with the suggested ASTM E 1527-00 and City of Houston ECRE requirements. A complete list of all government records searched is included in the TelALL report found in the Appendix B. The following is a summary of the information provided

ACRONYM	DATABASE	MINIMUM SEARCH DISTANCE (mile)	FINDINGS
NPL	<b>National Priority List</b> – A subset of the CERCLIS list created to track contaminated sites.	1	0
According to information listed in the TelALL regulatory data report, there are no findings of NPL sites within the search distance.			
CERCLIS	EPA Comprehensive <b>Environmental Response, Compensation, and Liability Information System list</b> . The CERCLIS contains sites, which are either proposed or on the National Priorities List (NPL).	0.5	0
According to information listed in the TelALL regulatory data report, there are no findings of CERCLIS sites within the search distance.			
NFRAP	The NFRAP indicates that <b>No Further Remedial Action is Planned</b> . Sites on NFRAP are the sites that have been removed from the CERCLIS list by the U.S. Environmental Protection Agency. These sites are no longer considered a federal concern, and most are also a low priority for the state.	0.5	0

According to information listed in the TelALL regulatory data report, there are not findings of NFRAP sites within the search distance.

RCRA TSD	Resource Conservation and Recovery Information System – Treatment Storage or Disposal. The EPA maintains a database of the Treatment, Storage and Disposal (TSD) of hazardous waste from reporting facilities under the Resource Conservation and Recovery Act (RCRA).	1	1
S E .92	BFI MCCARTY ROAD LANDFILL	11013 BEAUMONT HWY	
According to information listed in the TelALL regulatory data report, there is one (1) finding of RCRA-TSD sites within the search distance. This site should not pose a risk to the project site provided they remain in compliance with federal and state regulations.			
<ul style="list-style-type: none"><li>SITE EPA ID: TXD000618538 DATE OF STARTING TSD ACTIVITIES (YYYYDDMM) 20020313 TSD ACTIVITIES: - TSD TYPE UNDEFINED BY EPA CONTACT INFORMATION: RICHARD COONS JENSEN DRIVE HOUSTON TX 77020 TEL. 713-675-6101 NO NAIC (NORTH AMERICAN INDUSTRIAL CLASSIFICATION) CODES ARE AVAILABLE FOR THE SITE.</li></ul>			

<b>RCRA G</b>	<b>Resource Conservation and Recovery Information System –Generators</b>	<b>.025</b>	<b>0</b>
<p>According to information listed in the TelALL regulatory data report, there are no findings of RCRA-G sites within the search distance,</p>			

<b>CORRACT</b>	Lists <b>RCRIS (Resource Conservation and Recovery Information System)</b> Corrective Record sites that are currently or have had in the past corrective action.	<b>1</b>	<b>0</b>
<p>According to information listed in the TelALL regulatory data report, there are no findings of CORRACT sites within the search area. CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently or have had in the past corrective action The RCRA Corrective Action Program requires investigation and cleanup of releases of hazardous wastes and hazardous constituents that pose an unacceptable risk at RCRA hazardous waste treatment, storage and disposal facilities. Facility evaluations, conducted by EPA or the State, are based on human health and environmental risks posed by actual or potential releases to the environment, potential migration pathways, target receptors, and waste characteristics.</p>			

<b>ERNS</b>	The <b>Emergency Response Notification System (ERNS)</b> is a national database used to collect information or reported release of oil or hazardous substances.	<b>.025</b>	<b>4</b>
<p>According to information listed in the TelALL regulatory data report, there are four (4) findings of ERNS sites within the search area. These sites should not pose a risk to the project site.</p> <p><b><u>Three (3) Listings at this site were found in regulatory data</u></b></p> <ul style="list-style-type: none"> <li>Site Location Unknown MESA RD <b>site has not been mapped</b> ID NUMBER: 574101 DATE OF RELEASE: 24-JUL-01. A TRAIN STRUCK AN AUTOMOBILE AT A GRADE CROSSING.</li> <li>Site Location Unknown 59N TO LITTLE YORK,TURN RIGHT FOLLOW TO MESA AND TURN L FOLLOW 1-2MI ON R <b>This site has not been mapped</b> ID NUMBER: 475622 DATE OF RELEASE: 26-FEB-99. 0 UNKNOWN AMOUNT OF OIL: CRUDE UNKNOWN/UNKNOWN CALLER DISCOVERED OIL IN A DITCH ALONG SIDE A ROAD NEAR A DRILLING RIG THAT APPEARS RELATIVELY NEW</li> </ul>			

<b>TXVCP</b>	<b>Texas Voluntary Cleanup Program (VCP)-</b> provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites.	<b>.05</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are findings of TXVCP sites within the search area.			

<b>TXIOP</b>	The Texas IOP provides a certificate to an <b>Innocent Owner</b> or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.	<b>.05</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of TXIOP sites within the search area.			

<b>TXSSF</b>	<b>Texas Super Fund Sites</b> - States waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by potentially responsible parties.	<b>1</b>	<b>0</b>
According to information listed in the TelALL regulatory data there are findings of TXSSF sites within the search area.			

LF	TCEQ Solid Waste Facilities - inventory of solid waste disposal facilities or landfills.		1	1
SE .92	APPROX 300FT SE LEY RD,0.8MI E INTRSS LEY RD/MESA DRIVE	BROWNING-FERRIS INDUSTRIES		
According to information listed in the TelALL regulatory data report, there is one (1) findings of LF sites within the search area. This site does not pose a risk to the project site.				
<ul style="list-style-type: none"><li>SITE ID: 2141.00 - DATE PERMIT APP. WAS RECEIVED: 1/6/89. THE SITE IS A SOLID WASTE INCINERATION FACILITY W/O ENERGY RECOVERY. THE SITE IS PROPOSED SITE (PERMIT HAS NOT BEEN ISSUED BEFORE FOR THIS SITE). THE PERMIT/APP STATUS IS APPLICATION WITHDRAWN. BUSINESS TYPE: . ORIGINAL FACILITY ACREAGE: 0.45. POPULATION SERVED BY THE FACILITY: 32400.00. THE AREA SERVED BY THE FACILITY IS NOT SPECIFIED. TONS RECEIVED PER DAY BYTHE FACILITY: 81. THE YARDS RECEIVED BY THE FACILITY PER DAY 0.00.THE ESTIMATED CLOSING DATE OF THE FACILITY 1/1/1901.</li></ul>				

<b>LFUN</b>	<b>Unauthorized and Unpermitted Landfill Sites</b> - Unauthorized sites have no permit and are considered abandoned.	<b>0.5</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there on no findings of LFUN sites within the search area.			

<b>TXLUST</b>	<b>TCEQ Leaking Petroleum Storage Tank</b> Incident Report. This list identifies facilities known to have leaks or spills associated with their underground or aboveground systems.	<b>0.5</b>	<b>6</b>
<b>.21 S E</b>	STOP N G0 MARKETS 1218	8302 Sultan Dr	
<b>.44 N W</b>	GOODYEAR AUTO SERVICE CENTER	8812 Mesa Dr	
<b>.44 N W</b>	GOODYEAR AUTO SERVICE CENTER	8812 Mesa Dr	
<b>.44 N W</b>	EXXON 60240	8520 Mesa Rd @ Oak Knoll Lane	
<b>Not Mapped</b>	U HAUL	8801.Mesa Dr	
<b>Not Mapped</b>	EXXON STATION 62694	Laura Koppe	



According to information listed in the TelALL regulatory data report, four (4) sites listed on the TXLUST within the search area. These sites should not pose a risk to the project site. They have been issued a Final Concurrence – Case Closed status by the TCEQ.

- LPSTID 092238. THE SUBJECT TANK RELEASE WAS REPORTED ON 10/25/1988.  
PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0037934 PRP INFO: NATIONAL CONVENIENCE STORES, PO BOX 758,  
HOUSTON TX 77001 CONTACT: JOHN WILLRODT TEL. 713/863-2318.  
LOCATION DESCRIPTION: 8302 SULTAN RD.
- LPSTID 104664. THE SUBJECT TANK RELEASE WAS REPORTED ON 10/22/1992.  
PRIORITY: 5 - MINOR SOIL CONTAMINATION-DOES NOT REQUIRE A RAP.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0063919 PRP INFO: GOODYEAR TIRE & RUBBER CO, 1144 E MARKET ST,  
AKRON OH 44316 CONTACT: MINH NGUYEN TEL. 216/796-4869.
- LPSTID 107840. THE SUBJECT TANK RELEASE WAS REPORTED ON 3/16/1994.  
PRIORITY: 4.2 - NO GW IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0063919 PRP INFO: GOODYEAR TIRE & RUBBER CO, 8812 MESA ROAD,  
HOUSTON TX CONTACT: KAREN HOLMES TEL. 216/796-9281.
- LPSTID 093343. THE  
SUBJECT TANK RELEASE WAS REPORTED ON 8/1/1989.  
PRIORITY: 4.1 - GW IMPACTED, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0026717 PRP INFO: EXXON CO USA, PO BOX 2180, HOUSTON TX 77252  
CONTACT: DEBBIE H HUNTER TEL. 713/656-2312.  
LOCATION DESCRIPTION: 8520 MESA RD @ OAK KNOLL LANE
- LPSTID 108859. THE  
SUBJECT TANK RELEASE WAS REPORTED ON 12/21/1994.  
PRIORITY: 4.2 - NO GW IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0020882 PRP INFO: AMERCO REAL ESTATE CO, 2721 N CENTRAL AVE  
SUITE 700, PHOENIX AZ 85004 CONTACT: STEVE GILBERT TEL. 602/263-6555.
- LPSTID 098963. THE  
SUBJECT TANK RELEASE WAS REPORTED ON 5/15/1991.  
PRIORITY: 6 - MINOR SOIL CONTAMINATION-NO REMEDIAL ACTION REQUIRED.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0026739 PRP INFO: EXXON CO USA, PO BOX 2180, HOUSTON TX 77252  
CONTACT: KRIS GAGNON TEL. 713/000-0000.

TXUST	TCEQ Registered <b>Under Ground Storage Tanks</b> . This list identifies parties who own or operate aboveground storage tanks containing petroleum products or hazardous materials.	0.25	2
.21 S E	STOP N GO MARKETS 1218	8302 SULTAN DR	
.21 S E	STOP N GO MARKETS 1218	8302 SULTAN DR	
According to information listed in the TelALL regulatory data report, two (2) findings listed on the TXUST sites within the search area. These sites should not pose a high risk to the project site provided they remain in compliance with state and federal regulations.			

<b>TXAST</b>	TCEQ Registered <b>Above Ground Storage Tanks</b> . This list identifies parties who own or operate aboveground storage tanks containing petroleum products or hazardous materials.	<b>0.25</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, no sites are listed on the TXAST within the search area.			

<b>TXSPILLS</b>	TCEQ <b>Spills Database</b> - Texas Commission on Environmental Quality tracks cases where emergency response is needed for cleanup of toxic substances.	<b>0.25</b>	<b>0</b>
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## **5.2 Additional Environmental Record Sources**

The Houston Fire Department HAZMAT (Hazardous Materials Response Unit) was contacted and requested to provide information on past Hazardous Material. This material is included in Supporting Documentation, Appendix III.

## **5.3 Physical Setting Sources**

### **a. Topography**

A review of the United States Geological Survey (U.S.G.S.) 1998 Settegast 7.5 Minute topographic quadrangle map shows that the elevation of the project site is forty-three (43) feet above mean sea level (MSL). (Plate 3).

### **Geology and Soil Characteristics**

A review of the Bureau of Economic Geology 1982 Quadrangle Atlas of Texas, Houston Sheet 82 indicates that the uppermost geologic formation underlying the project site is a Lissie Formation dating back to the Pleistocene era. This formation dips gently towards the Gulf of Mexico. The formation also underlies non-related soils on the coastal area that consist primarily of clays, silts, and sands which were deposited, in fluvial (river-derived) environments.

The Soil Survey of Harris County indicates that the project site occurs within an urban soil association. In general, in an urban soil association these soils consist of built-up areas mostly covered by buildings. Consequently, the soils making up urban land are not able to be classified. (See Plate 5)

### **Groundwater Characteristics**

In the Houston area groundwater occurs in two main aquifers, the Chicot and the Evangeline Aquifers. The Chicot is the shallowest aquifer. The deeper Evangeline aquifer, which lies underneath the Chicot aquifer, is the major source of groundwater for the Houston metropolitan area. Both aquifers dip gently toward the coast. Shallower groundwater is also encountered in this area of Houston. Typically, the shallow water-bearing zones are first encountered at depths of 10 feet or more below ground surface.

### **b. Flood Zones**

Federal Emergency Management Agency (FEMA) – Flood Insurance Rate Maps (FIRM) on which floodplain zones are delineated are included in Plates Section. The project site is located in Zone X, areas determined to be outside the 0.2% annual chance floodplain.

### **c. Wetlands**

Wetlands determination was not within the scope of work.

## **5.4 Historical Use Information on the Site and Adjoining Property**

### **a. Sanborn Fire Insurance Maps**

Sanborn Fire Insurance Maps were not available for this portion of the city.

**b. Aerial Photography**

Seven (7) sets of aerial photographs were located for the subject property and can be found in Appendix II. Photographs from 1944, 1953, 1969, 1978, 1986, 1995, and 2002 were available. A brief description of the project site and adjoining sites is found below.

4-3-1944	The aerial photograph shows the project site to be in a rural and undeveloped area.
4-26-1953	The aerial photograph shows the project site to be in a rural and undeveloped area. Photo quality is poor but some residential growth in project area is visible.
2-21-1969	This photo shows a continued residential growth. Photo quality is poor. Crestview Drive is visible.
3-25-1979	This photo appears the same as the 1969 photo.
4-23-1986	This photo appears the same as the 1979 photo.
2-1995	Project site appears as it in 1986.
2002	Project site appears as it is today.

**c. Historical Directories**

Historical city directories for Houston, Texas located in the Texas and Local History Department of the Houston Public Library were reviewed for this project. Information obtained is located in Appendix III, Supporting documents.

## **6. SITE RECONNAISSANCE**

### **6.1 Methodology and Limiting Conditions**

Site reconnaissance was performed on July 14, 2005 by automobile and on foot. Purposes of the site reconnaissance were to observe the site and adjacent sites for characteristics, spills, corrective actions, and other potential environmental concerns, and to document present land uses. Photographs taken during the site reconnaissance are included in the report.

### **6.2 General Site Setting**

The project site is located in a residential land use area northeast of the downtown business district. The area surrounding the site consisted of residential sites. The project site was partially overgrown with vegetation and showed signs of some illegal dumping. Neighborhood residents complained of illegal dumping and the slow response of the city in keeping the site maintained.

## Site Photography



Site facing east from Crestview Drive



Site facing east from Crestview Drive

### **6.3 Exterior Observations**

Not applicable.

### **6.4 Interior Observations**

Not applicable.

## **7. INTERVIEWS**

### **7.1 Interviews with Owner**

Not Applicable.

### **7.2 Interview with Site Manager**

Not Applicable

### **7.3 Interviews with Occupants**

Not Applicable.

### **7.4 Interviews with Local Government Officials**

The Houston Fire Department Hazardous Materials (HAZMAT) division, Senior Captain Troy Lilley, was contacted to provide response information for the project site and surrounding areas for this report. The list of Response Team incidents from January 1994 through the present date is included in Appendix III. The data provided did not list HAZMAT responses that adversely impacted project site.

### **7.5 Interviews with Others**

Interviewed Gabriel Mussio, City of Houston – Building Services. He was not aware of any potential environmental impacts but did provide legal description of site location.

The following individuals/businesses were contacted to request information regarding the project site but did not respond by the submission date of this report:

- Joseph Derouselle – not aware of any adverse environmental impacts. Stated that about a year ago there was a problem with stolen cars and trash being dumped there but that situation has been corrected. There is a problem with the grass being cut in a timely manner.
- Mary Ashley – 9142 Laura Koppe – not aware of any adverse environmental impacts. Stated that about a year ago there was a problem with stolen cars and trash being dumped there but that situation has been corrected. There is a problem with the grass being cut in a timely manner.

## **8. FINDINGS**

“Recognized environmental conditions” are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, ground water, or surface water of the property".

Research indicated fourteen (14) regulated sites were found in environmental records and of these, six (6) regulated sites of Recognized Environmental Concerns (RECs) were listed within the search area. The information in the database was reviewed for current status of listings as of April 23, 2005. The following information was found:

- LPSTID 092238. THE SUBJECT TANK RELEASE WAS REPORTED ON 10/25/1988.  
PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0037934 PRP INFO: NATIONAL CONVENIENCE STORES, PO BOX 758,  
HOUSTON TX 77001 CONTACT: JOHN WILLRODT TEL. 713/863-2318.  
LOCATION DESCRIPTION: 8302 SULTAN RD.
- LPSTID 104664. THE SUBJECT TANK RELEASE WAS REPORTED ON 10/22/1992.  
PRIORITY: 5 - MINOR SOIL CONTAMINATION-DOES NOT REQUIRE A REMEDIAL ACTION PLAN (RAP).  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0063919 PRP INFO: GOODYEAR TIRE & RUBBER CO, 1144 E MARKET ST, AKRON OH 44316 CONTACT: MINH NGUYEN TEL. 216/796-4869.
- LPSTID 107840. THE SUBJECT TANK RELEASE WAS REPORTED ON 3/16/1994.  
PRIORITY: 4.2 - NO GW IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0063919 PRP INFO: GOODYEAR TIRE & RUBBER CO, 8812 MESA ROAD, HOUSTON TX CONTACT: KAREN HOLMES TEL. 216/796-9281.
- LPSTID 093343. THE SUBJECT TANK RELEASE WAS REPORTED ON 8/1/1989.  
PRIORITY: 4.1 - GW IMPACTED, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0026717 PRP INFO: EXXON CO USA, PO BOX 2180, HOUSTON TX 77252  
CONTACT: DEBBIE H HUNTER TEL. 713/656-2312.  
LOCATION DESCRIPTION: 8520 MESA RD @ OAK KNOLL LANE
- LPSTID 108859. THE SUBJECT TANK RELEASE WAS REPORTED ON 12/21/1994.



PRIORITY: 4.2 - NO GW IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.

STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.

FAC ID NUMBER 0020882 PRP INFO: AMERCO REAL ESTATE CO, 2721 N CENTRAL AVE SUITE 700, PHOENIX AZ 85004 CONTACT: STEVE GILBERT TEL. 602/263-6555.

- LPSTID 098963. THE SUBJECT TANK RELEASE WAS REPORTED ON 5/15/1991.

PRIORITY: 6 - MINOR SOIL CONTAMINATION-NO REMEDIAL ACTION

REQUIRED. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.

FAC ID NUMBER 0026739 PRP INFO: EXXON CO USA, PO BOX 2180, HOUSTON TX 77252 CONTACT: KRIS GAGNON.

## **9. OPINIONS**

Based on the information obtained in this study, TLC Engineering, Inc. is of the opinion that there is no potential for soil and/or groundwater contamination to impact the project site.

## **10. CONCLUSIONS**

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 on proposed project site. Any exceptions to or deletions from this practice are described in Section 2 and 11 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the project site.

## **11. DEVIATIONS**

This study did deviate slightly from the ASTM Practice to account for the City of Houston ECRE requirements (Appendix III). Search radii for environmental database information was five hundred (500) feet instead of directly adjacent or one half (.5) mile for all records except NPL, CERCLIS, and State Superfund, which was one (1) mile. Chain of Title records were not included and were not required.

## **12. ADDITIONAL SERVICES**

Not Applicable.

## **13. REFERENCES**

**The following references were used to compile this report:**

Bureau of Economic Geology, 1992, Geologic Atlas of Texas, Houston Sheet 82, University of Texas at Austin

US Geological Survey, 1995. Houston Settegast, Texas 7.5 Minute Topographic Quadrangle Map (1:24,000)

US Geological Survey, 2000. Houston Settegast, Texas 7.5 Minute Topographic Quadrangle Map (1:24,000)

**The following individuals, vendors, and agencies were contacted during the course of this study:**

TelALL Environmental Data Research, Austin, Texas

Texas Natural Resource Information System (TNRIS)

City of Houston Fire Department, HAZMAT Division – Sr. Captain Troy Lilley

City of Houston Building Services – Gabriel Mussio

Houston Public Library

Joseph Derouselle – 26 Years Residence – 9001 Oak Knoll

Mary Ashley – 9142 Laura Koppe – lived in area over 30 Years

#### **14. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL**

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**Ms. Linda Gamble**  
**Certified Environmental Management Specialist # 2005**

July 29, 2005  
**Date**

#### **15. QUALIFICATIONS OF RESPONSIBLE ENVIRONMENTAL PROFESSIONAL**

The primary investigator for this Phase I ESA is Ms Linda Gamble. Ms. Gamble is NREP, Certified Environmental Management Specialist, #2005, has done Environmental Consulting for five (6) years and has completed Environmental Site Assessments using ASTM criteria for five (5) years. Ms. Gamble's extensive computer, database, desktop publishing, Internet, and interviewing skills were utilized in gathering and manipulating data used in the generation of this report.



# **Plates**

**PLATE 1  
SITE VICINITY MAP**

**PLATE 2  
ENVIRONMENTAL SITE SUMMARY  
MAP**

**PLATE 3  
TOPOGRAPHIC MAP**

**PLATE 4  
FEMA-FIRM MAP PANEL - 48201C0685L**

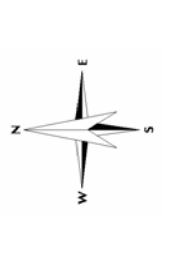
**PLATE 5  
SOIL SURVEY**

**SITE**

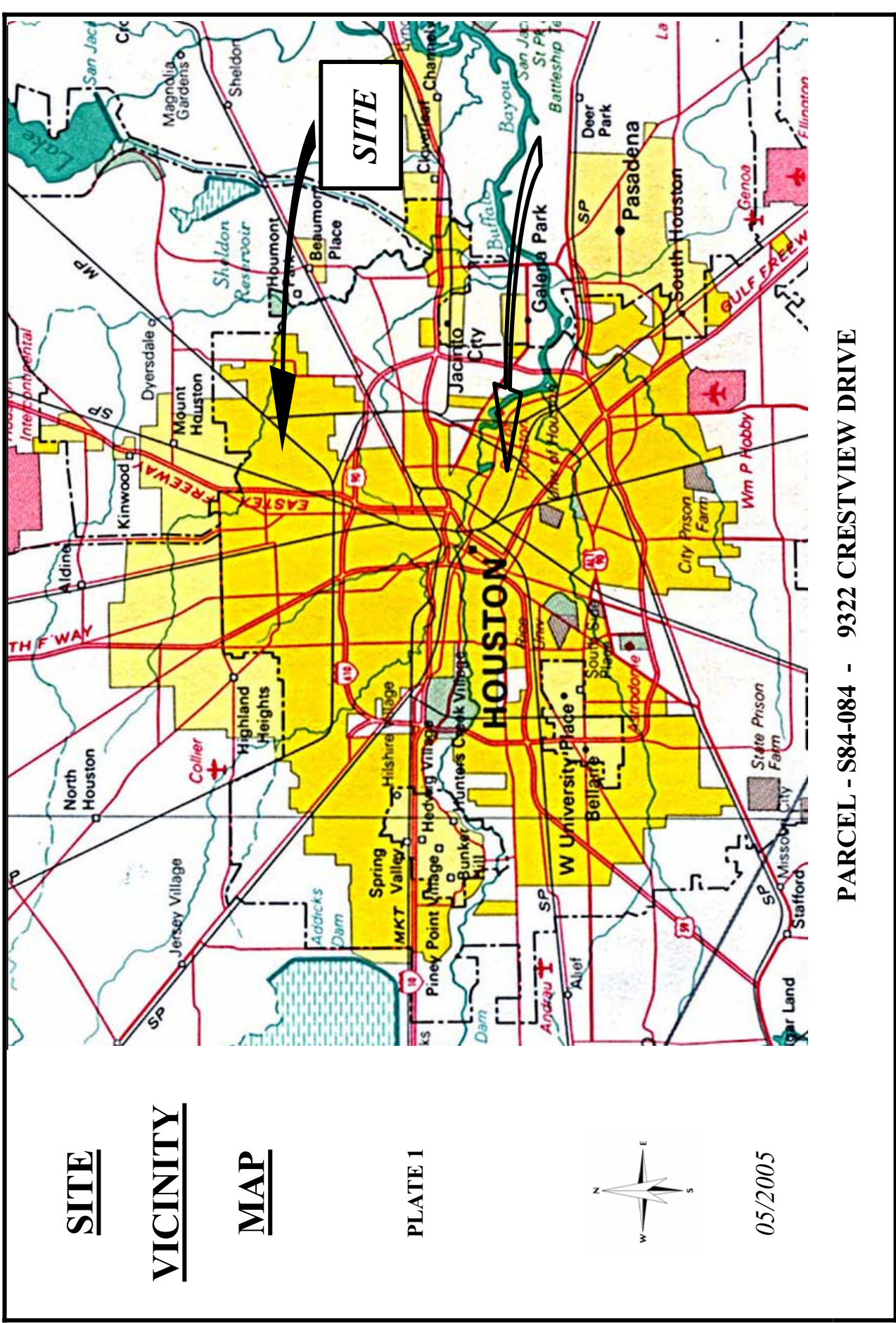
**VICINITY**

# MAP

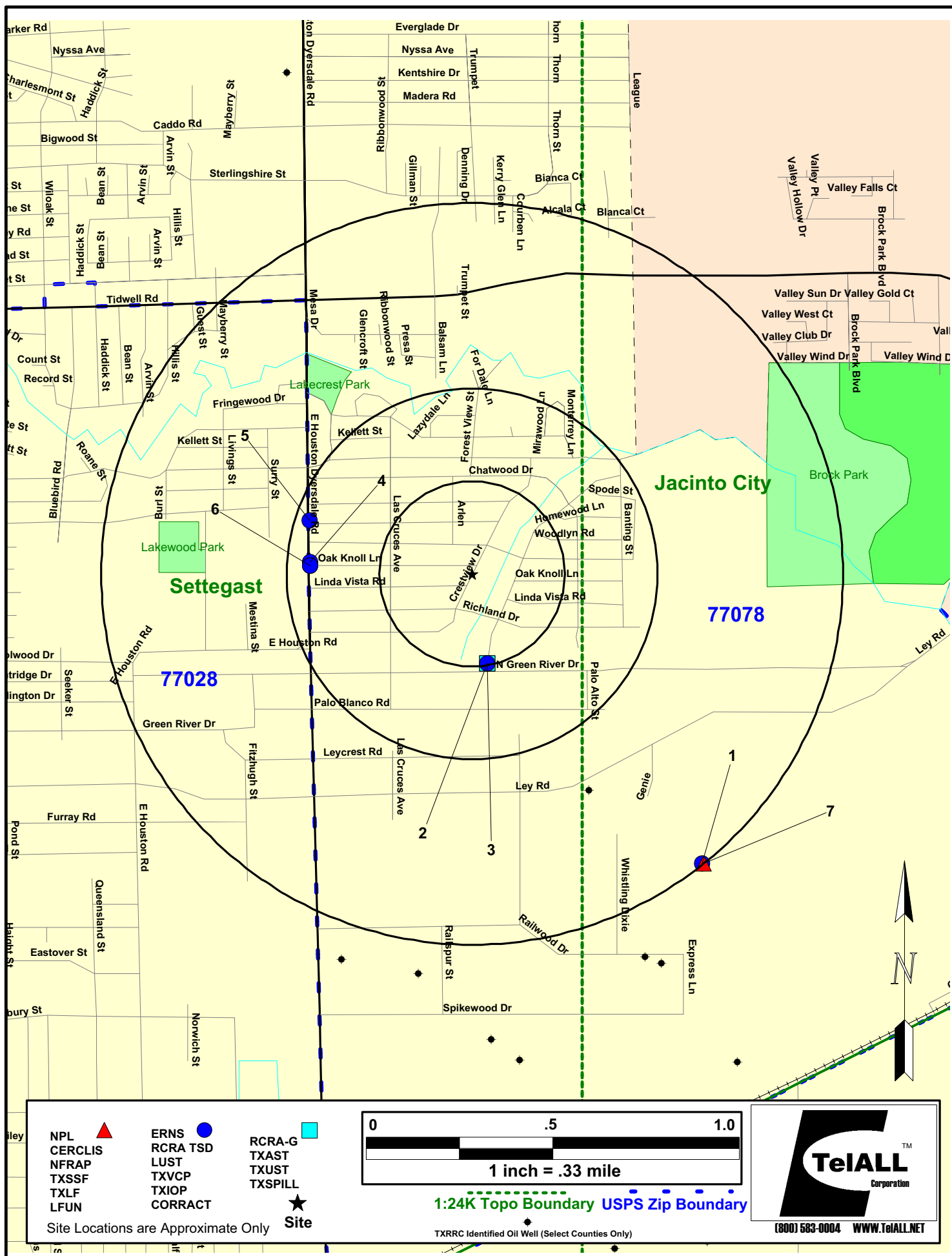
# PLATE 1



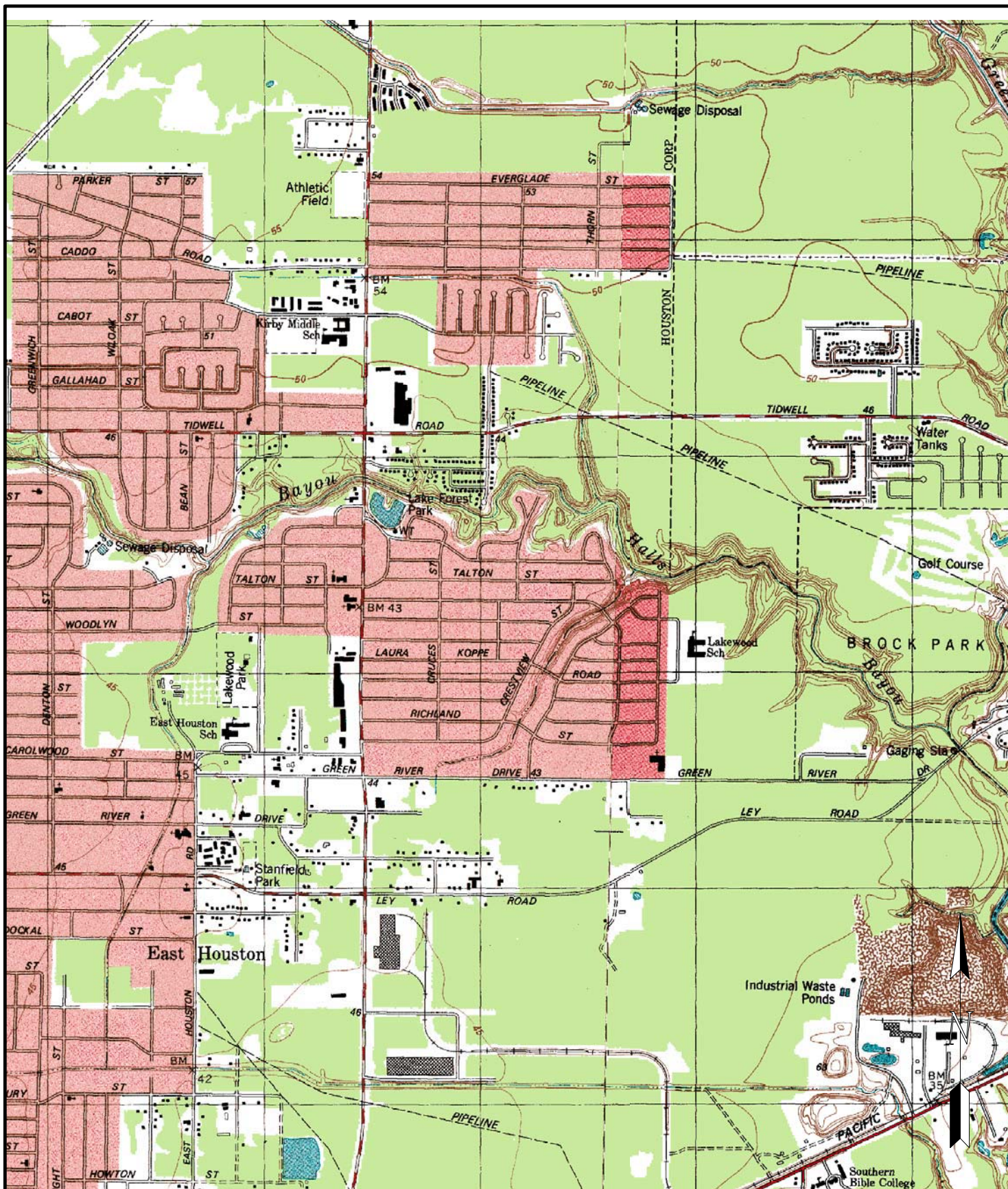
05/2005



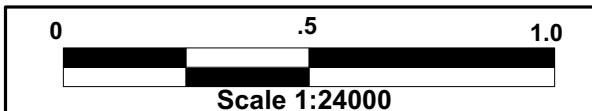
**PARCEL - S84-084 - 9322 CRESTVIEW DRIVE**







To identify the map date and/or revision date go to <http://mac.usgs.gov/mac/maplists/selectstatelist.html> the quad name(s) are on the first map in this report.

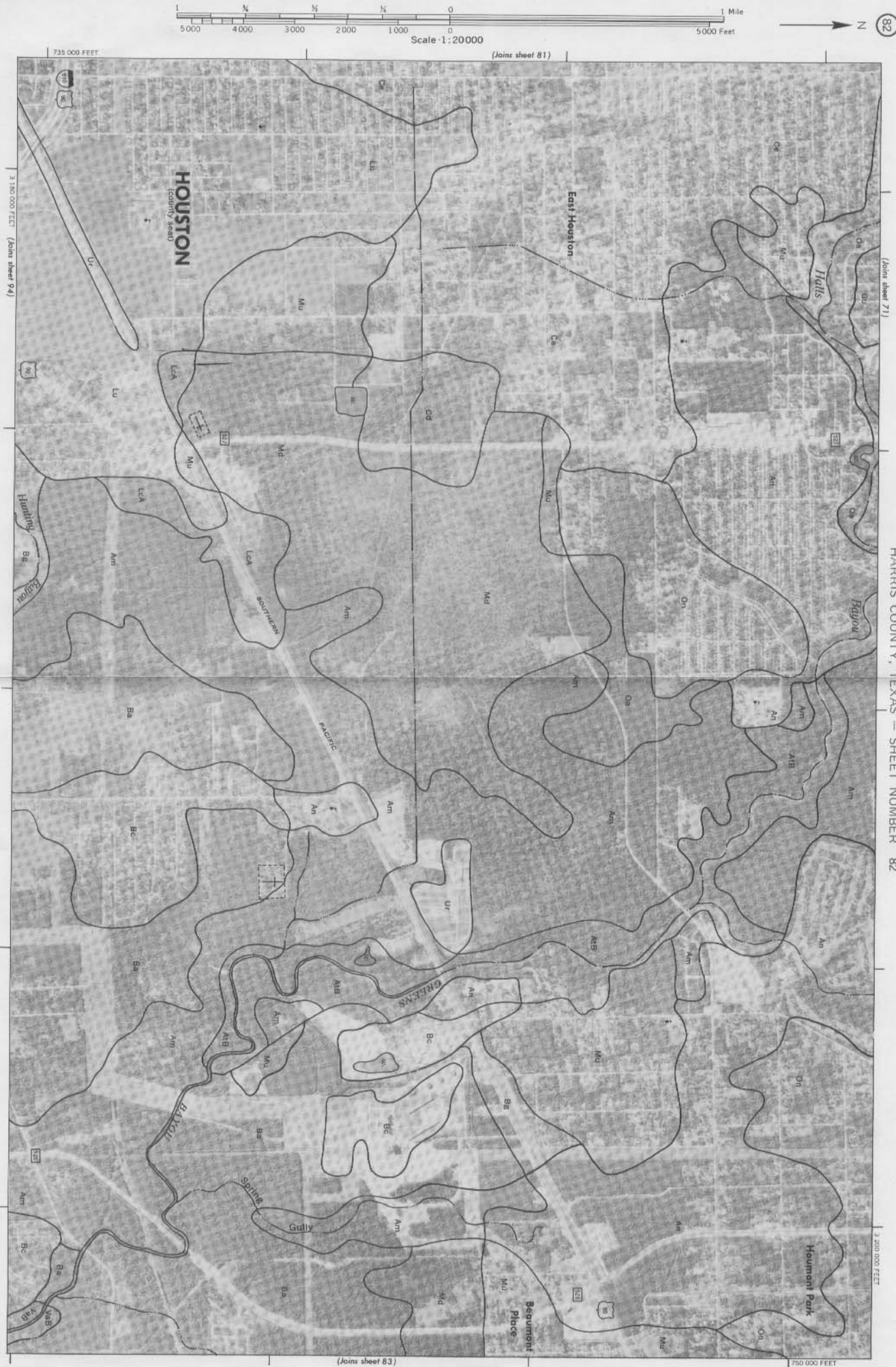


(800) 583-0004 WWW.TEIALL.NET

**Current USGS 7.5 Minute Topographic Map**







# Appendix I

## **Regulatory Data Report**



# **Environmental Data Search**

for the site

**9322 Crestview Drive, Harris County, TX**

performed for

**TLC Engineering**

7/28/2005

TLCE6628

**[www.TelALL.net](http://www.TelALL.net)**

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(800) 583-0004 by fax (512) 472-4466



**Sites Sorted By Distance from Center**

Page 1  
Job TLCE6628  
Date 7/28/2005

9322 Crestview Drive, Harris County, TX

Distance/Direction	Database	Site Number	Address	City/State	Site Name
--------------------	----------	-------------	---------	------------	-----------

						NFRAP	NO FINDINGS WITHIN 1/2 MILE.
						CERCLIS	NO FINDINGS WITHIN 1/2 MILE.
						TXIOP	NO FINDINGS WITHIN 1/2 MILE.
						TXVCP	NO FINDINGS WITHIN 1/2 MILE.
						CORRACT	NO FINDINGS WITHIN ONE MILE.
						RCRA-G	NO FINDINGS WITHIN 1/4 MILE.
						TXAST	NO FINDINGS WITHIN 1/4 MILE.
						TXSSF	NO FINDINGS WITHIN ONE MILE.
						TXSPILL	NO FINDINGS WITHIN 1/4 MILE.
						LFUN	NO FINDINGS WITHIN 1/2 MILE.
						NPL	NO FINDINGS WITHIN ONE MILE.
<b>.21</b>							
	S E	TXLUST	2	8302 SULTAN DR	HOUSTON		STOP N G0 MARKETS 1218
	S E	TXUST	3	8302 SULTAN DR	HOUSTON		STOP N G0 MARKETS 1218
	S E	TXUST	3	8302 SULTAN DR	HOUSTON		STOP N G0 MARKETS 1218
<b>.44</b>							
	N W	TXLUST	6	8812 MESA DR	HOUSTON		GOODYEAR AUTO SERVICE CENTER
	N W	TXLUST	6	8812 MESA DR	HOUSTON		GOODYEAR AUTO SERVICE CENTER
<b>.44</b>							
	N W	TXLUST	4	8520 MESA RD @ OAK KNOLL LANE	HOUSTON		EXXON 60240
<b>.45</b>							
	N W	TXLUST	5	8801 MESA DR	HOUSTON		746 80 U HAUL MESA RD
<b>.92</b>							
	S E	RCRA TSD	1	11013 BEAUMONT HWY	HOUSTON		BFI MCCARTY ROAD LANDFILL
<b>.92</b>							
	S E	TXLF	7	APPROX 300FT SE LEY RD,0.8MI E INTR	HOUSTON		BROWNING-FERRIS INDUSTRIE
<b>Site Location Unknown</b>							
		TXLUST	unknown	LAURA KOPPE	HOUSTON		EXXON STATION 62694
		erns	unknown	MESA RD	HOUSTON		
		erns	unknown	MESA RD	HOUSTON		
		erns	unknown	MESA RD	HOUSTON		
		erns	unknown	59N TO LITTLE YORK,TURN RIGHT FOLL	HARRIS		

## NPL

### atio a riority List

L is a priority s bset of the CE L list ( ee CE CL be o ) The Cer is ist as reated by the Comprehe si e E iro me ta espo se Compe satio a d Liabi ity ts (CE CL ) eed to tra o tami ated sites CE CL as e a ted o 12/11/80 a d ame ded by the perf d me dme ts a d ea thori atio t of 1 86 These a ts estab ished broad a thori ty for the o er me t to respo d to prob ems posed by the re ease or threat of re ease of ha ardo s s bsta es po ta ts or o tami a ts CE CL a so imposed iabi ity o those respo sib e for re eases a d pro ided the a thori ty for the o er me t to derta ee for eme ta d abateme t a tio a ai st respo sib e parties

*Source: EPA, (703) 603-8852*

**Database:** L

**Site:** o fi di s ithi o emie

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

## CERCLIS

### Comprehe si e E iro me ta espo se Compe satio a d Liabi ity formatio ystem

CE CL is the offi ia repository for site a d o -site spe ifi perf d data i s pport of the Comprehe si e E iro me ta espo se Compe satio a d Liabi ity t (CE CL ) t o tai si formatio o ha ardo s aste site assessme t a d remediatio from 1 83 to the prese t CE CL i formatio is sed to report offi ia perf d a omp ishme ts to Co ress a d the p bi assist E e io a a d ead arters ma a ers i e a ati the stat s a d pro ress of site ea p a tio s tra perf d Comprehe si e omp ishme ts a ( C ) a d omm i ate pa ed a ti ities a d b d ets

*Source: EPA/ NTIS, (703) 413-0223*

**Database:** CE CL

**Site:** o fi di s ithi 1/2 mie

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

322 Crestview Drive Harris County TX

## NFRAP

Other Remediation Address

It is identified as a CECL site that is designated as other remediation address by the EPCRA 105

Source: EPA/NTIS, (703) 413-0223

**Database:**

**Site:** off industrial 1/2 mile

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

## RCRA TSD

Resource Conservation and Recovery System - Treatment, Storage, and Disposal

Resource Conservation and Recovery System (RCRS) under the Resource Conservation and Recovery Act (RCRA) requires transporters, treatment, storage, and disposers of hazardous waste as defined by the federal Resource Conservation and Recovery Act are required to provide information on their activities to state environmental agencies who in turn provide the information to the address at the EPA offices. The RCRA TSD (Treatment, Storage, and Disposal) is a subset of the RCRA list. RCRA TSD facilities that fall under the Treatment, Storage, and Disposal classification.

Source: EPA/NTIS, (800) 424-9346

**Database:** C T

**Site:** CC T L LL

**Dir./Distance (in Miles)** E 2

**Map Number:** 1

**Address:** 11013 E T

**Zip Code:** 77078-4805

**City:** T

SITE EPA ID: TXD000618538 DATE OF STARTING TSD ACTIVITIES (YYYYDDMM) 20020313  
TSD ACTIVITIES: - TSD TYPE UNDEFINED BY EPA  
CONTACT INFORMATION: RICHARD COONS JENSEN DRIVE HOUSTON TX 77020 TEL. 713-675-6101  
NO NAIC (NORTH AMERICAN INDUSTRIAL CLASSIFICATION) CODES ARE AVAILABLE FOR THE SITE.

322 Crestview Drive Harris County TX

## CORRACT

### Corrective Action

CERCLA/CLUO sites that are required to have had in the past corrective action

Source: EPA, (800) 424-9346

Database: CERCLA

Site: Offsite within 0.5 miles

Dir./Distance (in Miles)

Map Number:

Address:

Zip Code:

City:

## RCRA-G

### General Information System - Generators

General Information System (GIS) under the CERCLA/CLUO (CERCLA) generators transporters treasurers storers and disposers of hazardous waste as defined by the federal Resource Conservation and Recovery Act (RCRA)

are required to provide information on their activities to state environmental agencies who in turn provide the information to the appropriate EPA offices. The CERCLA/CLUO (Generators) list is a subset of the CERCLA/CLUO list

CERCLA/CLUO facilities that fall under the generators or transporters classification

*CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste.*

*SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste.*

*LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: EPA/NTIS, (800) 424-9346*

Database: CERCLA

Site: Offsite within 1/4 mile

Dir./Distance (in Miles)

Map Number:

Address:

Zip Code:

City:

322 Crestview Drive Harris County TX

## Incidents

### Emergency Response Notification System

The system supports the release notification requirements of section 103 of the Comprehensive Emergency Response Compensation and Liability Act (CERCLA) as amended section 311 of the Clean Air Act and sections 300.51 and 300.65 of the regulation implementing the Act. The system is a computerized system that provides a means for the collection, storage, and retrieval of information as it is reported and is designed as a direct source of easily accessible data needed for a variety of purposes and hazardous substances spills.

Source: EPA/NTIS, (202) 260-2342

Database: E  
Site:  
Dir./Distance (in Miles)      Site Location  
Map Number: This site has not been mapped  
Address: E  
Zip Code:  
City: T

ID NUMBER: 574101 DATE OF RELEASE: 24-JUL-01.  
A TRAIN STRUCK AN AUTOMOBILE AT A GRADE CROSSING.

Database: E  
Site:  
Dir./Distance (in Miles)      Site Location  
Map Number: This site has not been mapped  
Address: E  
Zip Code:  
City: T

ID NUMBER: 574101 DATE OF RELEASE: 24-JUL-01.  
A TRAIN STRUCK AN AUTOMOBILE AT A GRADE CROSSING.

Database: E  
Site:  
Dir./Distance (in Miles)      Site Location  
Map Number: This site has not been mapped  
Address: E  
Zip Code:  
City: T

ID NUMBER: 574101 DATE OF RELEASE: 24-JUL-01.  
A TRAIN STRUCK AN AUTOMOBILE AT A GRADE CROSSING.

322 Crestview Drive Harris County TX

**Database:** E  
**Site:**  
**Dir./Distance (in Miles)** Site Location  
**Map Number:** This site has not been mapped  
**Address:** 5 T LITTLE T T LL T E T L  
 LL 1-2  
**Zip Code:**  
**City:**

ID NUMBER: 475622 DATE OF RELEASE: 26-FEB-99.  
 0 UNKNOWN AMOUNT OF OIL: CRUDE  
 UNKNOWN/UNKNOWN CALLER DISCOVERED OIL IN A DITCH ALONG SIDE A ROAD NEAR A  
 DRILLING RIG THAT APPEARS RELATIVELY NEW

## TXVCP

### Texas voluntary Cleanup Program

Created under 226 The Texas voluntary Cleanup Program (VCP) as established on 1/1/95 to provide administrative technical assistance to owners of the cleanup of contaminated sites in Texas in order to reduce the liability of owners of sites.

Protection from liability to the state of Texas for cleanup of sites under the VCP. Most of the obstacles for competitive real estate transactions at those sites are eliminated. As a result, many abandoned or derelict properties may be restored to economic productivity or community benefit. After cleanup, the parties receive a certificate of completion from the TCEQ, which states that the owners of the abandoned sites are released from a liability to the state.

*Parts of the above description were taken from the TCEQ/VCP Website. (<http://www.TCEQ.state.tx.us/permitting/remed/vcp/>)*

*The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE.*

*Contaminant Categories (PERC and BTEX). Source: TCEQ, (512) 239-5891*

**Database:** T C  
**Site:** offsite within 1/2 mile  
**Dir./Distance (in Miles)**  
**Map Number:**  
**Address:**  
**Zip Code:**  
**City:**

## TXIOP

o e t er/ perator ro ram

The T reated by o se i 2776 of the 75th Le pro ides a ert to a i o e t o er or operator if their property is o tami ated as a res t of a re ease or mi ratio of o tami a ts from a so r e or so r es ot o o the prop a d they

did ot a se or o trib te to the so r e or so r es of o tami atio Li e the Tx C ro the a be sed as a rede e opme t too or as a too to add a e to a o tami ated prop by pro idi a o e t er/ perator Certifi ate ( C) o e er

i e the C re ease of iabi ty Cs are ot tra s to f t re o ers/opers t re o ers/opers are e i be to e ter the a d may re a Co y after they be ome a o er or operator of the site

*The above description were taken from the TCEQ/IOP Website.  
(<http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html>)  
Source: TCEQ, (512) 239-5891*

**Database:** T

**Site:** o fi di s ithi 1/2 mi e

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

## TXSSF

Texas tate perf d

The Texas tate perf d database is a ist of sites that the tate of Texas has ide tified for i esti atio or remediatio

Texas tate perf d sites are re ie ed for pote tia p radi to Comprehe si e E iro me ta espo se Compe satio a d Liabi ty formatio ystem stat s by the federa E iro me ta rote tio e y

*Source: TCEQ, (512) 239-5680*

**Database:** T

**Site:** o fi di s ithi o e mi e

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

322 Crestview Drive Harris County TX

## TXLF

### TCE Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) requires municipalities and counties to report on a biennial basis

Texas Landfills is a list of solid waste facilities registered and tracked by the TCEQ solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations

Source: TCEQ, (512) 239-6786

Database: T L  
Site: - E T E  
Dir./Distance (in Miles) E 2  
Map Number: 7  
Address: 300 TELE 08 E T LE / E E  
Zip Code: 7727  
City: T

SITE ID: 2141.00 - DATE PERMIT APP. WAS RECEIVED: 1/6/89.

THE SITE IS A SOLID WASTE INCINERATION FACILITY W/O ENERGY RECOVERY. THE SITE IS A PROPOSED SITE (PERMIT HAS NOT BEEN ISSUED BEFORE FOR THIS SITE).

THE PERMIT/APP STATUS IS APPLICATION WITHDRAWN. BUSINESS TYPE: . ORIGINAL FACILITY ACREAGE: 0.45. POPULATION SERVED BY THE FACILITY: 32400.00. THE AREA SERVED BY THE FACILITY IS NOT SPECIFIED.

TONS RECEIVED PER DAY BY THE FACILITY: 81. THE YARDS RECEIVED BY THE FACILITY PER DAY 0.00. THE ESTIMATED CLOSING DATE OF THE FACILITY 1/1/1901.

APPLICANTS NAME, ADDRESS, & TEL.: BROWNING-FERRIS

## LFUN

### Authorized and Permitted Landfills

Authorized sites have a permit and are considered abandoned information about these sites is compiled by the best Texas state university under contract with TCEQ and is based on a search of publicly available records

Source: TCEQ, (512) 239-6786

Database: L  
Site: off distance 1/2 mile  
Dir./Distance (in Miles)  
Map Number:  
Address:  
Zip Code:  
City:



## TXLUST

### Lea i der ro d tora eTa s

L T is a list of o ta re eases mai tai ed by Texas Commissio o  
E iro me ta aity (TCE )

Source: TCEQ, (512) 239-2200

Database: T L T

Site: T 0 ET 1218

Dir./Distance (in Miles) E 21

Map Number: 2

Address: 8302 LT

Zip Code: 77078-4232

City: T

LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 092238. THE SUBJECT TANK RELEASE WAS REPORTED ON 10/25/1988.

PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.

FAC ID NUMBER 0037934 PRP INFO: NATIONAL CONVENIENCE STORES, PO BOX 758, HOUSTON TX 77001 CONTACT: JOHN WILLRODT TEL. 713/863-2318.

LOCATION DESCRIPTION: 8302 SULTAN RD.

Database: T L T

Site: E T E CE CE TE

Dir./Distance (in Miles) 44

Map Number: 6

Address: 8812 E

Zip Code: 77028-2011

City: T

LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 104664. THE SUBJECT TANK RELEASE WAS REPORTED ON 10/22/1992.

PRIORITY: 5 - MINOR SOIL CONTAMINATION-DOES NOT REQUIRE A RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.

FAC ID NUMBER 0063919 PRP INFO: GOODYEAR TIRE & RUBBER CO, 1144 E MARKET ST, AKRON OH 44316 CONTACT: MINH NGUYEN TEL. 216/796-4869.

LOCATION DESCRIPTION: 8812 MESA RD.

LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 107840. THE SUBJECT TANK RELEASE WAS REPORTED ON 3/16/1994.

PRIORITY: 4.2 - NO GW IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.

FAC ID NUMBER 0063919 PRP INFO: GOODYEAR TIRE & RUBBER CO, 8812 MESA ROAD, HOUSTON TX CONTACT: KAREN HOLMES TEL. 216/796-9281.

LOCATION DESCRIPTION: 8812 MESA ROAD.

Database: T L T

Site: E 60240

Dir./Distance (in Miles) 44

Map Number: 4

Address: 8520 E

LL L E

Zip Code: 77028

City: T

LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 093343. THE SUBJECT TANK RELEASE WAS REPORTED ON 8/1/1989.

322 Crest ie ri e arris Co ty T

PRIORITY: 4.1 - GW IMPACTED, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0026717 PRP INFO: EXXON CO USA, PO BOX 2180, HOUSTON TX 77252  
CONTACT: DEBBIE H HUNTER TEL. 713/656-2312.  
LOCATION DESCRIPTION: 8520 MESA RD @ OAK KNOLL LAN

Database: T L T  
Site: 746 80 L E  
Dir./Distance (in Miles) 45  
Map Number: 5  
Address: 8801 E  
Zip Code: 77028-2012  
City: T

LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 108859. THE  
SUBJECT TANK RELEASE WAS REPORTED ON 12/21/1994.  
PRIORITY: 4.2 - NO GW IMPACT, NO APPARENT THREATS OR IMPACTS TO RECEPTORS.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0020882 PRP INFO: AMERCO REAL ESTATE CO, 2721 N CENTRAL AVE SUITE  
700, PHOENIX AZ 85004 CONTACT: STEVE GILBERT TEL. 602/263-6555.  
LOCATION DESCRIPTION: 8801 MESA.

Database: T L T  
Site: E T T 626 4  
Dir./Distance (in Miles) ite Lo atio o  
Map Number: This site has not been mapped  
Address: L E  
Zip Code: 77016  
City: T

LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 098963. THE  
SUBJECT TANK RELEASE WAS REPORTED ON 5/15/1991.  
PRIORITY: 6 - MINOR SOIL CONTAMINATION-NO REMEDIAL ACTION REQUIRED.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0026739 PRP INFO: EXXON CO USA, PO BOX 2180, HOUSTON TX 77252  
CONTACT: KRIS GAGNON TEL. 713/000-0000.  
LOCATION DESCRIPTION: LAURA KOPPE.

## TXUST

Texas der ro d tora eTa s

der ro d tora eTa s - ermitted der ro d stora e ta s are tra ed  
by Texas Commissio o E iro me ta aity (TCE ) This ist is a so  
mai tai ed by the TCE

Source: TCEQ, (512) 239-2160

**Database:** T T  
**Site:** T 0 ET 1218  
**Dir./Distance (in Miles)** E 21  
**Map Number:** 3  
**Address:** 8302 LT  
**Zip Code:** 77078-4232  
**City:** T

FACILITY NUMBER 0037934, TNRCC UNIT ID NUMBER 00100083, TANK ID NUMBER 1, DATE  
INSTALLED (MMDDYY) 01011979, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY PERM. FILLED IN PLACE. TANK COMPARTMENTS: COMPARTMENT A:  
UNKNOWN SUBSTANCE. CAPACITY 6000 GAL OTHER SUB. STORED: EMPTY  
THE TANK CONSTRUCTION IS OF STEEL.  
THE OWNER OF THE FACILITY IS DIAMOND SHAMROCK REFINING AND MARKETING  
COMPANY, THE TELEPHONE NUMBER LISTED FOR THE OWNER IS 214-902-1601.

FACILITY NUMBER 0037934, TNRCC UNIT ID NUMBER 00100084, TANK ID NUMBER 2, DATE  
INSTALLED (MMDDYY) 01011979, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY PERM. FILLED IN PLACE. TANK COMPARTMENTS: COMPARTMENT A:  
UNKNOWN SUBSTANCE. CAPACITY 6000 GAL OTHER SUB. STORED: EMPTY  
THE TANK CONSTRUCTION IS OF STEEL.  
THE OWNER OF THE FACILITY IS DIAMOND SHAMROCK REFINING AND MARKETING  
COMPANY, THE TELEPHONE NUMBER LISTED FOR THE OWNER IS 214-902-1601.

## TXAST

Texas bo e ro d tora eTa s

bo e ro d tora eTa s - ermitted abo e ro d stora e ta s are  
tra ed Texas Commissio o E iro me ta aity (TCE ) This ist is a so  
mai tai ed by the TCE

Source: TCEQ, (512) 239-2160

**Database:** T T  
**Site:** o fi di s ithi 1/4 mi e  
**Dir./Distance (in Miles)**  
**Map Number:**  
**Address:**  
**Zip Code:**  
**City:**

322 Crestline Drive Harris County, TX

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## TXSPILL

### Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks and reports here  
emergency response is needed for each of toxic substances

Source: TCEQ, (512) 239-3282

**Database:** TelALL

**Site:** offsite within 1/4 mile

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

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# TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible.

Lat/Lon. info is provided to assist in locating sites. Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77028	CERCLIS	INA STREET DRUMS	5406 INA ROAD	HOUSTON	29.807403	-95.286568
		LEY ROAD DRUMS	8303 LEY ROAD	HOUSTON	29.831219	-95.274493
		PENROD DRUMS	8018 PENROD	HOUSTON	29.825575	-95.280219
	ERNS		6730 SHOTWELL	HOUSTON	29.821229	-95.311962
			6730 SHOTWELL	HOUSTON	29.821229	-95.311962
			6730 SHOTWELL	HOUSTON	29.821229	-95.311962
		CHAMPION INTERNATIONAL	ENGLEWOOD YARD 7000 LIBERTY R	HOUSTON	29.798908	-95.289621
		CUSTOM PIPE COATING INC	7177 CAVALCADE	HOUSTON	29.800053	-95.299703
			7177 CAVALCADE	HOUSTON	29.800053	-95.299703
		ELTEX CHEMICALS	4050 HOMESTEAD RD	HOUSTON	29.797586	-95.301606
		HOUSTON PUBLIC WORKS DEPT	8219 KELLETT	HOUSTON	29.844237	-95.276268
			8219 KELLETT	HOUSTON	29.844237	-95.276268
			8219 KELLETT	HOUSTON	29.844237	-95.276268
		ROADWAY EXPRESS	7100 KIRKPATRICK BLVD	HOUSTON	29.823365	-95.291813
		UNION PACIFIC RAILROAD	SETTEGAST YARD 6800 KIRKPATRI	HOUSTON	29.819648	-95.291762
			SETTEGAST YARD 6800 KIRKPATRI	HOUSTON	29.819648	-95.291762
		UNION PACIFIC RISK MGMNT	ENGLEWOOD YARD 7000 LIBERTY R	HOUSTON	29.798908	-95.289621
	NFRAP	CANAAN CORPORATION	6701 N LOOP EAST	HOUSTON	29.807	-95.3013
		ELTEX CHEMICAL & SUPPLY CO	4050 HOMESTEAD RD	HOUSTON	29.7975	-95.3015
		MEKLO PROCESSING COMPANY	1803 DALLAS	HOUSTON	29.751323	-95.359115
		UNITED TRANSPORTS INC	6505 HOMESTEAD	HOUSTON	29.815962	-95.301758
	TXLUST	AMF TUBOSCOPE INC HOUSTON	7206 EIBERT	HOUSTON	29.826372	-95.2885583
		EXXON 60240	8520 MESA RD @ OAK KNOLL LANE	HOUSTON	29.826372	-95.2885583
		EXXON 63695	9425 E HOUSTON	HOUSTON	29.836499	-95.262278
		HOUSTON SETTEGAST YARD TR	KIRKPATRICK BLVD EXCAVATION	HOUSTON	29.804701	-95.291065
	TXSPILL		KIRKPATRICK BLVD EXCAVATION	HOUSTON	29.826372	-95.2885583
			KIRKPATRICK BLVD EXCAVATION 1	HOUSTON	29.804701	-95.291065
			KIRKPATRICK BLVD EXCAVATION 2	HOUSTON	29.804701	-95.291065
		AZTEC MFG. CO.	NW CORNER OF PROPERTY, ADJAC	HOUSTON		
			plant prop. to adjacent bar ditch	Houston		
		CLIFFORD ADAMS	I-10 WESTBOUND AT JOHN MARTIN	HOUSTON		
		GULF COAST KENWORTH	6855 N LOOP 610 E @ CORNER OF	HOUSTON	29.8066	-95.3006
		KNOX TRUCK LINE	IH-10 @ WALDEN ROAD, BEAUMON	HOUSTON		
		OGDEN GROUND FUEL	SOUTH BRIDGE OF SERVICE ROAD,	HOUSTON		
		PPG INDUSTRIES	PPG INDUSTRIES SITE	HOUSTON		
			ROADSIDE DITCH @ LIBERTY RD. SI	HOUSTON		
		SALEEM, MOHAMMED	S & D CONVENIENCE STORE #2 @ 7	HOUSTON		
		SOUTHERN PACIFIC	ENGLEWOOD YARK, HOUSTON 7701	HOUSTON		
		Sun Coast Resources	Emery's Seafood, Seabrook, Texas	Houston		
			Pioneer Concrete, 600 Sulgham, Plano	Houston		
		SUNCOAST RESOURCES	GALVESTON BAY, BLOUDWORTH S	HOUSTON		
		Suncoast Resources Inc.	In San Antonio off of I-35 & FM 2252 W	Houston		
		Suncoast Resources, Inc.	Loop 610 @ Hwy 225, Houston	Houston	29.706	-95.2473
		UNION PACIFIC RAILROAD	DRAINAGE DITCH @ 8800 KIRKPATR	HOUSTON		
		UNION PACIFIC RAILROAD	DRAINAGE DITCH AT 8800 KIRKPAT	HOUSTON	29.831061	-95.291958
			RAILROAD TRACKS IN SETTEGAST	HOUSTON		
			SETTEGAST RAILYARD IN HOUSTO	HOUSTON		
		VIANET, STS CO.	5 MI. W OF INTERSECTION OF HWY	HOUSTON		
	TXUST	WITCO CHEMICAL CO	TANK FARM AT 4411 EAST PARK DR	HOUSTON		
		7 11 FOOD STORES E HOUSTON	E HOUSTON	HOUSTON	29.8081	-95.2694
		MELTON TRUCK LINES INC	910 LIBERTY	HOUSTON	29.784575	-95.341741
			910 LIBERTY	HOUSTON	29.784575	-95.341741
		N A	CORNER OF N WAYSIDE &	HOUSTON	29.826372	-95.2885583
			CORNER OF N WAYSIDE &	HOUSTON	29.826372	-95.2885583
		OIL CHEMICAL MARKETING INC	6622 HOMESTEAD	HOUSTON	29.817382	-95.301662
			6622 HOMESTEAD	HOUSTON	29.817382	-95.301662
			6622 HOMESTEAD	HOUSTON	29.817382	-95.301662
			9309 N Wayside Dr	Houston	29.847603	-95.284872
77028-102	TXLUST TXUST	FORMER NCS 1233	9309 N Wayside Dr	Houston	29.847603	-95.284872
		T & W QUICK STOP	9309 N Wayside Dr	Houston	29.847603	-95.284872
77028-102	RCRA TSD		9309 N Wayside Dr	Houston	29.847603	-95.284872
			9309 N Wayside Dr	Houston	29.847603	-95.284872
			9309 N Wayside Dr	Houston	29.847603	-95.284872
			9309 N Wayside Dr	Houston	29.847603	-95.284872
			9309 N Wayside Dr	Houston	29.847603	-95.284872
77028-102	TXUST	E L KIRBY TRASH COMPANY	7802 Lynette St	Houston	29.844675	-95.286881
		KWS COMMERCIAL HAULERS INC	7820 Lynette St	Houston	29.844675	-95.286433
77028-111	TXUST	STOP N GO 3599	8102A Tidwell Rd	Houston	29.84958	-95.277849
			8102A Tidwell Rd	Houston	29.84958	-95.277849
			8102A Tidwell Rd	Houston	29.84958	-95.277849
		TOWNLEY PLACE PROPERTY	8112 Tidwell Rd	Houston	29.849615	-95.277456
		LEE GROCERY	8210 Tidwell Rd	Houston	29.849665	-95.275541
77028-112		TIME SAVERS 2 GAS & GROCERY	9430 Mesa Dr	Houston	29.849145	-95.262362
77028-120			9430 Mesa Dr	Houston	29.849145	-95.262362

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77028-120	TXUST	TIME SAVERS 2 GAS & GROCERY	9430 Mesa Dr	Houston	29.849145	-95.262362
			9430 Mesa Dr	Houston	29.849145	-95.262362
77028-120		EXXON RS 63695	9425 Mesa Dr	Houston	29.849073	-95.262458
			9425 Mesa Dr	Houston	29.849073	-95.262458
			9425 Mesa Dr	Houston	29.849073	-95.262458
			9425 Mesa Dr	Houston	29.849073	-95.262458
			9425 Mesa Dr	Houston	29.849073	-95.262458
			9425 Mesa Dr	Houston	29.849073	-95.262458
77028-123		SUNMART 395	8435 Tidwell Rd	Houston	29.849875	-95.270384
			8435 Tidwell Rd	Houston	29.849875	-95.270384
			8435 Tidwell Rd	Houston	29.849875	-95.270384
77028-124	RCRA-G	AFCO NO 10503	8770 Tidwell Rd	Houston	29.849965	-95.263032
77028-141	RCRA TSD	DONALD RAY FLANAGAN	8025 Count St	Houston	29.8474	-95.283038
77028-160	TXLUST	FOURWAY GROCERY	9228 Mesa Dr	Houston	29.846515	-95.262284
	TXUST		9228 Mesa Dr	Houston	29.846515	-95.262284
			9228 Mesa Dr	Houston	29.846515	-95.262284
77028-200		EXXON RS 6 0240	8520 Mesa Dr	Houston	29.839054	-95.262262
			8520 Mesa Dr	Houston	29.839054	-95.262262
			8520 Mesa Dr	Houston	29.839054	-95.262262
			8520 Mesa Dr	Houston	29.839054	-95.262262
		SUNMART 325	8506 Mesa Dr	Houston	29.838945	-95.262262
			8506 Mesa Dr	Houston	29.838945	-95.262262
			8506 Mesa Dr	Houston	29.838945	-95.262262
			8506 Mesa Dr	Houston	29.838945	-95.262262
77028-200		MESA FOOD STORE	8620 Mesa Dr	Houston	29.839954	-95.262262
			8620 Mesa Dr	Houston	29.839954	-95.262262
			8620 Mesa Dr	Houston	29.839954	-95.262262
			8620 Mesa Dr	Houston	29.839954	-95.262262
77028-200		JACKS GROCERY 5	8702 Mesa Dr	Houston	29.84071	-95.262262
			8702 Mesa Dr	Houston	29.84071	-95.262262
			8702 Mesa Dr	Houston	29.84071	-95.262262
77028-201	TXLUST	GOODYEAR AUTO SERVICE CEN	8812 Mesa Dr	Houston	29.84148	-95.262262
			8812 Mesa Dr	Houston	29.84148	-95.262262
			8812 Mesa Dr	Houston	29.84148	-95.262262
77028-201	TXLUST	746 80 U HAUL MESA RD	8801 Mesa Dr	Houston	29.841399	-95.262358
	TXUST	746-80 U-HAUL - MESA RD	8801 Mesa Dr	Houston	29.841399	-95.262358
			8801 Mesa Dr	Houston	29.841399	-95.262358
77028-210	TXLUST	WBS USED AUTO SALES	7903 Homestead Rd	Houston	29.834012	-95.301958
77028-219	TXUST	C A POPP TEXACO	8017 Homestead Rd	Houston	29.834923	-95.301958
			8017 Homestead Rd	Houston	29.834923	-95.301958
			8017 Homestead Rd	Houston	29.834923	-95.301958
			8017 Homestead Rd	Houston	29.834923	-95.301958
77028-220		A Z SHAMROCK 303	7600 Homestead Rd	Houston	29.831299	-95.301862
			7600 Homestead Rd	Houston	29.831299	-95.301862
			7600 Homestead Rd	Houston	29.831299	-95.301862
77028-234		PAK SANA ENT	7242 Ley Rd	Houston	29.831175	-95.299076
			7242 Ley Rd	Houston	29.831175	-95.299076
			7242 Ley Rd	Houston	29.831175	-95.299076
77028-243	TXLUST	AM MINI MART	7625 Ley Rd	Houston	29.831267	-95.289931
77028-244	TXUST	OIL CHEMICAL MARKETING INC	7518 Ley Rd	Houston	29.831154	-95.293251
			7518 Ley Rd	Houston	29.831154	-95.293251
			7518 Ley Rd	Houston	29.831154	-95.293251
77028-253	TXLUST	LDC TRUCKING	7725 Parkhurst Dr	Houston	29.832252	-95.286898
	TXUST		7725 Parkhurst Dr	Houston	29.832252	-95.286898
			7725 Parkhurst Dr	Houston	29.832252	-95.286898
77028-265	TXLUST	CHEVRON FAC 108110	7902 Ley Rd	Houston	29.831159	-95.284069
	TXUST	SAMS MART 2	7902 Ley Rd	Houston	29.831159	-95.284069
			7902 Ley Rd	Houston	29.831159	-95.284069
			7902 Ley Rd	Houston	29.831159	-95.284069
			7902 Ley Rd	Houston	29.831159	-95.284069
77028-273	TXSPILL	Unknown	8333 Ley Rd	Houston	29.831229	-95.273834
	TXUST	HPD NORTHEAST SUBSTATION	8301 Ley Rd	Houston	29.831219	-95.274536
			8301 Ley Rd	Houston	29.831219	-95.274536
			8333 Ley Rd	Houston	29.831229	-95.273834
77028-273	TXVCP	Proposed East Police Station	8415 Ley Rd	Houston	29.831256	-95.272034
	TXLUST	NORTH HOUSTON BANK	8415 Ley Rd	Houston	29.831256	-95.272034
	TXUST		8415 Ley Rd	Houston	29.831256	-95.272034
77028-281	TXAST	NATIONAL FREIGHT MESA TERMI	7740 Mesa Dr	Houston	29.834372	-95.26208
	TXUST		7740 Mesa Dr	Houston	29.834372	-95.26208
77028-281		MESA DRIVE PHARMACY	8000 Mesa Dr	Houston	29.835599	-95.262162
			8000 Mesa Dr	Houston	29.835599	-95.262162
77028-282	TXSPILL	HOUSTON LIGHTING & POWER	7911 E Houston Rd	Houston	29.834566	-95.270158

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77028-282	TXLUST	TEJAS TUBULAR PRODUCTS INC		Houston	29.835475	-95.266395
77028-291	TXUST	RON'S DRIVE INN GROCERY	7601 E Houston Rd	Houston	29.831299	-95.270158
			7601 E Houston Rd	Houston	29.831299	-95.270158
			7601 E Houston Rd	Houston	29.831299	-95.270158
77028-301		SPEEDWAY CONOCO	7525 Homestead Rd	Houston	29.830359	-95.301958
			7525 Homestead Rd	Houston	29.830359	-95.301958
			7525 Homestead Rd	Houston	29.830359	-95.301958
			7525 Homestead Rd	Houston	29.830359	-95.301958
77028-301		NEW ERA 102	7550 Homestead Rd	Houston	29.830641	-95.301862
77028-311		AMF TUBOSCOPE INC -HOUSTON	7206 Elbert St	Houston	29.825969	-95.293562
			7206 Elbert St	Houston	29.825969	-95.293562
			7206 Elbert St	Houston	29.825969	-95.293562
77028-322	TXLUST	FIRE STATION 43	7330 N Wayside Dr	Houston	29.828103	-95.284224
	TXUST		7330 N Wayside Dr	Houston	29.828103	-95.284224
			7330 N Wayside Dr	Houston	29.828103	-95.284224
77028-324		MIKE PIT STOP 5	7112 N Wayside Dr	Houston	29.826367	-95.284262
			7112 N Wayside Dr	Houston	29.826367	-95.284262
			7112 N Wayside Dr	Houston	29.826367	-95.284262
77028-330	TXSPILL	HL&P	7977 Safebuy St	Houston	29.826985	-95.281639
77028-332	RCRA TSD	LMMIG LTD DBA CENTURY INDUS	7941 Dockal Rd	Houston	29.828385	-95.282581
	TXAST	STAR CONCRETE CONSTRUCTIO	7941 Dockal Rd	Houston	29.828385	-95.282581
			7941 Dockal Rd	Houston	29.828385	-95.282581
			7941 Dockal Rd	Houston	29.828385	-95.282581
			7941 Dockal Rd	Houston	29.828385	-95.282581
	TXUST		7941 Dockal Rd	Houston	29.828385	-95.282581
77028-333		S G S TRUCK SERVICE INC	7944 Dockal Rd	Houston	29.828275	-95.282942
77028-333		RAWHIDE TRANSPORTATION	8012 Dockal Rd	Houston	29.828275	-95.280951
			8012 Dockal Rd	Houston	29.828275	-95.280951
77028-351	TXAST	TXDOT EAST HARRIS AREA OFFI	7303 Mesa Dr	Houston	29.82802	-95.261965
			7303 Mesa Dr	Houston	29.82802	-95.261965
	TXLUST	TXDOT MAINTENANCE FACILITY	7303 Mesa Dr	Houston	29.82802	-95.261965
	TXUST	TXDOT EAST HARRIS AREA OFFI	7303 Mesa Dr	Houston	29.82802	-95.261965
			7303 Mesa Dr	Houston	29.82802	-95.261965
			7303 Mesa Dr	Houston	29.82802	-95.261965
			7303 Mesa Dr	Houston	29.82802	-95.261965
77028-352	TXLUST	MACSTEEL SERVICE CENTERS U	7400 Mesa Dr	Houston	29.828898	-95.2619
	TXUST		7400 Mesa Dr	Houston	29.828898	-95.2619
			7400 Mesa Dr	Houston	29.828898	-95.2619
			7400 Mesa Dr	Houston	29.828898	-95.2619
77028-353		LOS TRUCK STOP	7526 E Houston Rd	Houston	29.83009	-95.269991
			7526 E Houston Rd	Houston	29.83009	-95.269991
			7526 E Houston Rd	Houston	29.83009	-95.269991
77028-363	TXSPILL	City of Houston	6721 E Houston Rd	Houston	29.824063	-95.269971
77028-363		HL&P	6722 E Houston Rd	Houston	29.824086	-95.269877
77028-380	TXUST	LONGHORN BUS SALES	6921 Homestead Rd	Houston	29.821442	-95.301758
77028-390	TXLUST	RIDCO STEEL	7420 Apache St	Houston	29.822375	-95.294837
77028-393	TXAST	SETTEGAST RAILYARD	6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
	TXLUST	UNION PACIFIC RR HOUSTON SE	6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
	TXSPILL	Union Pacific Railroad	6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
	TXUST	SETTEGAST RAILYARD	6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
		UNION PACIFIC MOTOR FREIGHT	6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
			6800 Kirkpatrick Blvd	Houston	29.819648	-95.291762
77028-393		TALLEY TRUCKING	7127 Kirkpatrick Blvd	Houston	29.821255	-95.291866
77028-394	TXLUST	SETTEGOST STATION	7100 Kirkpatrick Blvd	Houston	29.823365	-95.291813
	TXSPILL	UNION PACIFIC RAIL ROAD	7100 Kirkpatrick Blvd	Houston	29.823365	-95.291813
			7100 Kirkpatrick Blvd	Houston	29.823365	-95.291813
77028-480	RCRA TSD	K TRUCK LINES INC	6126 E Houston Rd	Houston	29.817005	-95.269662
	TXUST	KNOX TRUCK LINES INC	6126 E Houston Rd	Houston	29.817005	-95.269662
			6126 E Houston Rd	Houston	29.817005	-95.269662
77028-489	TXAST	BNM TRUCKING INC	6414 E Houston Rd	Houston	29.822351	-95.269775
	TXLUST		6414 E Houston Rd	Houston	29.822351	-95.269775
	TXUST		6414 E Houston Rd	Houston	29.822351	-95.269775
			6414 E Houston Rd	Houston	29.822351	-95.269775
			6414 E Houston Rd	Houston	29.822351	-95.269775
			6414 E Houston Rd	Houston	29.822351	-95.269775
			6414 E Houston Rd	Houston	29.822351	-95.269775
77028-490	TXSPILL	Central Freight Lines, Inc.	3 miles North of La Grange on Hwy 77	Houston		
77028-491	RCRA-G	CENTRAL FREIGHT LINES	5800 Mesa Dr	Houston	29.814338	-95.261543
	TXLUST	CENTRAL FREIGHT LINES INC	5800 Mesa Dr	Houston	29.814338	-95.261543
	TXSPILL	Central Truck Lines	5800 Mesa Dr	Houston	29.814338	-95.261543
			5800 Mesa Dr	Houston	29.814338	-95.261543





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FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77028-600	TXUST	EXXONMOBIL 64957	7835 North Loop E	Houston	29.8037	-95.2852
77028-602		BLAGRAVE & DUTTEY INC	4718 Ranger St	Houston	29.803911	-95.286362
77028-602	TXAST	BLAGRAVE & DUFFEY INC	7711 1/2 Romea St	Houston	29.802685	-95.286696
77028-604	TXUST	MESA PHILLIPS 66	8011 North Loop E # A	Houston	29.8035	-95.2816
			8011 North Loop E # A	Houston	29.8035	-95.2816
77028-604	RCRA-G	HOUSTON DRIVE TRAIN SERVICE	7959 North Loop E	Houston	29.8037	-95.2831
77078	ERNS		100 YRDS EAST OF 9105 LAY RD	HOUSTON		
		SOUTHWEST FREIGHT	9005 SPIKEWOOD DR SOUTHWEST	HOUSTON	29.8222	-95.2534
	NFRAP	BROWNING-FERRIS INDUSTRIES-	11013 OLD BEAUMONT HWY	HOUSTON		
	TXLF	BFI/WHISPERING PINES	11800 BLK OF EAST HOUSTON-DYE	HOUSTON		
		BROWNING-FERRIS, INC.	N OF US 90,S OF LEY RD,,9M E FM 5	HOUSTON		
	TXSPILL	Air ProductS/ GSF ENERGY	LEY ROAD,HOUSTON	Houston	29.831175	-95.301831
		Air Products/GSF Energy	power failure	Houston		
		Air Products-Pasadena	call out machine	Houston		
		BFI	FACILITY AT ABOVE LOCATION	HOUSTON		
		BROWNING FERRIS INDUSTRIES	11013 OLD BEAUMONT HWY. @ BFI,	HOUSTON		
			WHISPERING PINES LANDFILL	HOUSTON		
		BROWNING-FERRIS IND.	BFI S	HOUSTON		
		BROWNING-FERRIS INDUSTRIES	BFI (GALVESTON COUNTY LANDFIL	HOUSTON		
		LARRY CUMMINGS	HWY 332 NEAR ENTRANCE OF LAKE	HOUSTON		
		sckerlock premium	fm 2038 @ fm 1179, .5 miles west ofint	Houston		
		Scurlock Permian Corp	near Winnie, Texas in Mayhaw Bayou	Houston		
		Scurlock -Permian	Wilbur Road , 0.3 mile south of Craigen	Houston		
			Wilbur Road , 0.3 mile south of Craigen	Houston		
		Scurlock Permian LLC	off hwy.73 take Wilbur Rd., 5 mi. S. Wi	Houston		
			off hwy.73 take Wilbur Rd., 5 mi. S. Wi	Houston		
		SMITH TRANSFER COMPANY	FACILITY AT ABOVE LOCATION	HOUSTON		
		SOUTHWEST FREIGHT	BARBEES CUT TEMINAL PORT OF H	HOUSTON		
		SOUTHWEST FREIGHT INC.	HWY 225 AT BEARLE-KM#537E ON F	HOUSTON	29.706	-95.2473
		TANK WASH USA	BEAUMONT HIGHWAY, HOUSTON	Houston	29.811615	-95.25842
		TRANSPORT CO. OF TEXAS	17108 RIVER RD. @ MAGNOLIA, CHA	HOUSTON		
		TRANSPORT COMPANY OF TEXA	HOUSTON-MARKET STREET AT HW	HOUSTON		
	TXUST	FIRE STATION 32	8614 E TIDWELL RD	HOUSTON	29.845385	-95.384399
			8614 E TIDWELL RD	HOUSTON	29.845385	-95.384399
77078-120	TXAST	TRAYLOR BROS INC	11022 Mesa Dr	Houston	29.873754	-95.262624
			11022 Mesa Dr	Houston	29.873754	-95.262624
77078-245	TXUST	MESA COASTAL	10004 Mesa Dr	Houston	29.858725	-95.262474
			10004 Mesa Dr	Houston	29.858725	-95.262474
			10004 Mesa Dr	Houston	29.858725	-95.262474
77078-312		QUICK STOP 9815 MESA DR	9815 Mesa Dr	Houston	29.855069	-95.262458
			9815 Mesa Dr	Houston	29.855069	-95.262458
77078-343		LOS GAS & DIESEL	9501 Tidwell Rd	Houston	29.851145	-95.249805
			9501 Tidwell Rd	Houston	29.851145	-95.249805
			9501 Tidwell Rd	Houston	29.851145	-95.249805
			9501 Tidwell Rd	Houston	29.851145	-95.249805
77078-370	TXSPILL	City of Houston	10155 Tidwell Rd	Houston	29.850375	-95.230904
		MUNISERVICES	10155 Tidwell Rd	Houston	29.850375	-95.230904
	TXUST	EASY & SAVE	10103 Tidwell Rd	Houston	29.851175	-95.237387
			10103 Tidwell Rd	Houston	29.851175	-95.237387
77078-370		NORTHSTAR FOOD STORE	10104 Tidwell Rd	Houston	29.851065	-95.237357
			10104 Tidwell Rd	Houston	29.851065	-95.237357
77078-374		PRONTO FOODS 338	10130 Tidwell Rd	Houston	29.850265	-95.231431
			10130 Tidwell Rd	Houston	29.850265	-95.231431
77078-412		BIG TEX AIR CONDITIONING INC	9341 N Green River Dr	Houston	29.835785	-95.240037
77078-423	TXLUST	STOP N G0 MARKETS 1218	8302 Sultan Dr	Houston	29.835632	-95.254248
	TXUST		8302 Sultan Dr	Houston	29.835632	-95.254248
			8302 Sultan Dr	Houston	29.835632	-95.254248
77078-440		MATT GRAHAM CORP	9031 Ley Rd	Houston	29.830895	-95.257785
			9031 Ley Rd	Houston	29.830895	-95.257785
77078-441	RCRA-G	GSF ENERGY LLC	9416 Ley Rd	Houston	29.8318	-95.2487
	TXSPILL	Air Products	9416 Ley Rd	Houston	29.8318	-95.2487
			9416 Ley Rd	Houston	29.8318	-95.2487
		AIR PRODUCTS AND CHEMICALS	9416 Ley Rd	Houston	29.8318	-95.2487
		Air Products/GSF Energy	9416 Ley Rd	Houston	29.8318	-95.2487
		Air Products-GSF Energy Inc.	9416 Ley Rd	Houston	29.8318	-95.2487
	TXUST	MCCARTY ROAD LFG	9416 Ley Rd	Houston	29.8318	-95.2487
77078-449	RCRA-G	TECHNI KOTE INC	9105 Ley Rd	Houston	29.830917	-95.25619
77078-450	TXUST	DELTA STEEL INC	7355 Roundhouse Ln	Houston	29.8293	-95.2528
			7355 Roundhouse Ln	Houston	29.8293	-95.2528
77078-450	TXSPILL	ROLLINS TRUCK LEASING	9051 Spikewood Dr Lot HOUSTON	Houston	29.822729	-95.252854
77078-452		Ameri Serve	7350 Roundhouse Ln	Houston	29.829	-95.2527
77078-452	TXLUST	ARA SMITHS TRANSFER CORP	7345 Roundhouse Ln	Houston	29.829	-95.2528
	TXUST	ARA SMITHS TRANSFER CORP	7345 Roundhouse Ln	Houston	29.829	-95.2528
			7345 Roundhouse Ln	Houston	29.829	-95.2528
			7345 Roundhouse Ln	Houston	29.829	-95.2528
77078-459		SOUTHWEST FREIGHT INC	9005 Spikewood Dr	Houston	29.822752	-95.255639
			9005 Spikewood Dr	Houston	29.822752	-95.255639
77078-480		FORMER TEXACO STATION	10840 Beaumont Hwy # 42	Houston	29.819655	-95.239873

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77078-480	TXUST	FORMER TEXACO STATION	10840 Beaumont Hwy # 42	Houston	29.819655	-95.239873
			10840 Beaumont Hwy # 42	Houston	29.819655	-95.239873
			10840 Beaumont Hwy # 42	Houston	29.819655	-95.239873
77078-480	RCRA TSD	BFI MCCARTY ROAD LANDFILL	11013 Beaumont Hwy	Houston	29.820382	-95.238417
	TXAST	ADDICKS SERVICES INC	11013 Beaumont Hwy	Houston	29.820382	-95.238417
	TXLUST		11013 Beaumont Hwy	Houston	29.820382	-95.238417
77078-480	RCRA TSD	CMS CHEMICAL TRANSPORTERS	11000 Beaumont Hwy	Houston	29.820237	-95.238485
	RCRA-G	BRITE CLEAN HOUSTON LP	11050 Beaumont Hwy	Houston	29.820419	-95.238051
	TXSPILL	TANKWASH USA	11000 Beaumont Hwy	Houston	29.820237	-95.238485
	TXUST	CMS CHEMICAL TRANSPORTERS	11000 Beaumont Hwy # 77078	Houston	29.820237	-95.238485
			11000 Beaumont Hwy	Houston	29.820237	-95.238485
			11000 Beaumont Hwy	Houston	29.820237	-95.238485
77078-481	TXAST	BFI WASTE SERVICES OF TEXAS MCARTY ROAD LANDFILL	5757 Oates Rd # B	Houston	29.816134	-95.240358
			5757 Oates Rd # A	Houston	29.816134	-95.240358
			5757 Oates Rd # A	Houston	29.816134	-95.240358
	TXLUST TXUST	WALLACE COMPANY INC BFI WASTE SERVICES OF TEXAS	5757 Oates Rd # A	Houston	29.816134	-95.240358
			5757 Oates Rd	Houston	29.816134	-95.240358
			5757 Oates Rd # B	Houston	29.816134	-95.240358
			5757 Oates Rd # B	Houston	29.816134	-95.240358
			5757 Oates Rd # B	Houston	29.816134	-95.240358
			5757 Oates Rd # B	Houston	29.816134	-95.240358
		MCARTY ROAD LANDFILL	5757 Oates Rd # A	Houston	29.816134	-95.240358
			5757 Oates Rd # A	Houston	29.816134	-95.240358
			5757 Oates Rd # A	Houston	29.816134	-95.240358
77078-481	TXLF	LAKESIDE LANDFILL	11334 Beaumont Hwy	Houston	29.821453	-95.235586
77078-490	RCRA-G	BEST AMERICAN CORE	9838 Beaumont Hwy	Houston	29.811934	-95.257747
	TXLUST	BEST AUTOMOTIVE CORP	9838 Beaumont Hwy	Houston	29.811934	-95.257747
	TXUST		9838 Beaumont Hwy	Houston	29.811934	-95.257747
			9838 Beaumont Hwy	Houston	29.811934	-95.257747
			9838 Beaumont Hwy	Houston	29.811934	-95.257747
			9838 Beaumont Hwy	Houston	29.811934	-95.257747
77078-490	TXAST	BLUEBONNET SANITARY LANDFI	10050 Beaumont Hwy	Houston	29.813633	-95.253932
77078-490	TXUST	KEY SERV STA 82	10100 Beaumont Hwy	Houston	29.814019	-95.253024
			10100 Beaumont Hwy	Houston	29.814019	-95.253024
			10100 Beaumont Hwy	Houston	29.814019	-95.253024
			10100 Beaumont Hwy	Houston	29.814019	-95.253024
			10100 Beaumont Hwy	Houston	29.814019	-95.253024
			10100 Beaumont Hwy	Houston	29.814019	-95.253024
77078-491	TXAST	HOUSTON SHOP	10214 Beaumont Hwy	Houston	29.814901	-95.250953
77078-491	RCRA TSD	WESTERN AMERICAN SPECIALIZ	10310 Beaumont Hwy	Houston	29.815643	-95.249209
77078-499	TXUST	CORDELL BRICK INC	10538 Beaumont Hwy	Houston	29.817407	-95.245067
			10538 Beaumont Hwy	Houston	29.817407	-95.245067
			10538 Beaumont Hwy	Houston	29.817407	-95.245067

# Appendix II

## Aerial Photography



# Historic Aerial Photo Search

for the site

**9322 Crestview Drive, Harris County, TX**

performed for

**TLC Engineering**

**7/27/2005**

## Photos Found

Date	County	Source	Scale	Researcher Comment
2002	HARRIS	HGACOG	1 inch = 700 feet	
2-95	HARRIS	USGS	1 inch = 700 feet	
10-9-89	HARRIS	TXDOT	1 inch = 700 feet	
3-25-79	HARRIS	TXDOT	1 inch = 700 feet	
2-21-69	HARRIS	WALLACE ZIN	1 inch = 700 feet	
4-25-53	HARRIS	ASCS	1 inch = 700 feet	
3-31-44	HARRIS	ASCS	1 inch = 700 feet	

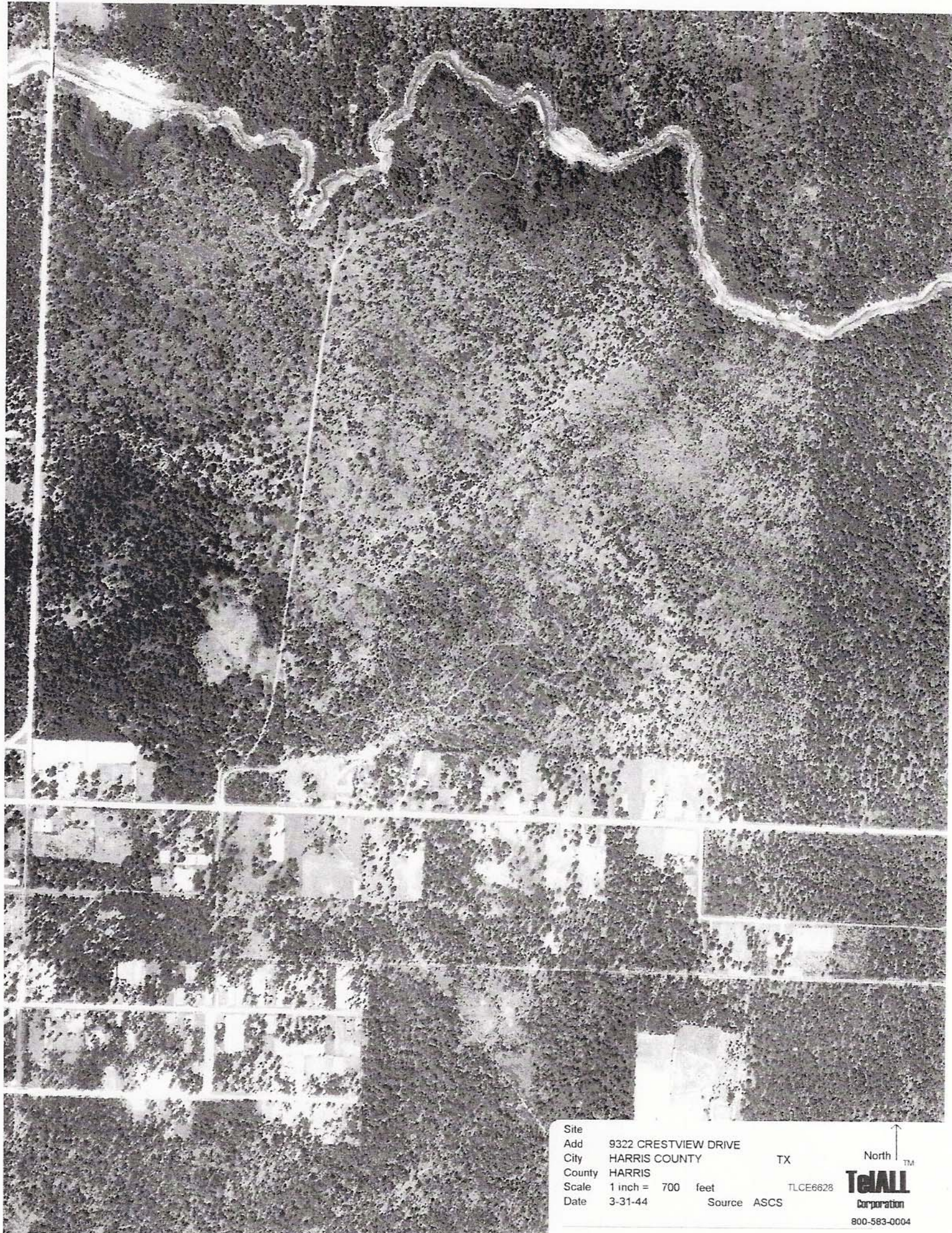
## AERIAL PHOTO SOURCE ACRONYMS

<b>ASCS</b>	AGRICULTURAL STABILIZATION CONSERVATION SERVICE	<b>TXDOT</b>	TEXAS DEPARTMENT OF TRANSPORTATION
<b>FAIRCHILD</b>	PRIVATE COMPANY	<b>USAF</b>	UNITED STATES AIR FORCE
<b>GLO</b>	GENERAL LAND OFFICE	<b>USDA</b>	UNITED STATES DEPARTMENT OF AGRICULTURE
<b>TOBIN</b>	PRIVATE COMPANY	<b>USGS</b>	UNITED STATES GEOLOGICAL SURVEY
<b>AMS</b>	ARMY MAPPING SERVICE	<b>WALLACE</b>	PRIVATE COMPANY
<b>COSA</b>	CITY OF SAN ANTONIO	<b>HGACOG</b>	HOUSTON AREA COUNCIL GALVESTON
<b>NCTCOG</b>	NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS	<b>TELALL</b>	PRIVATE COMPANY
<b>CAPCO</b>	CAPITOL AREA PLANNING COUNCIL		

TLCE6628

**TelALL**<sup>TM</sup>



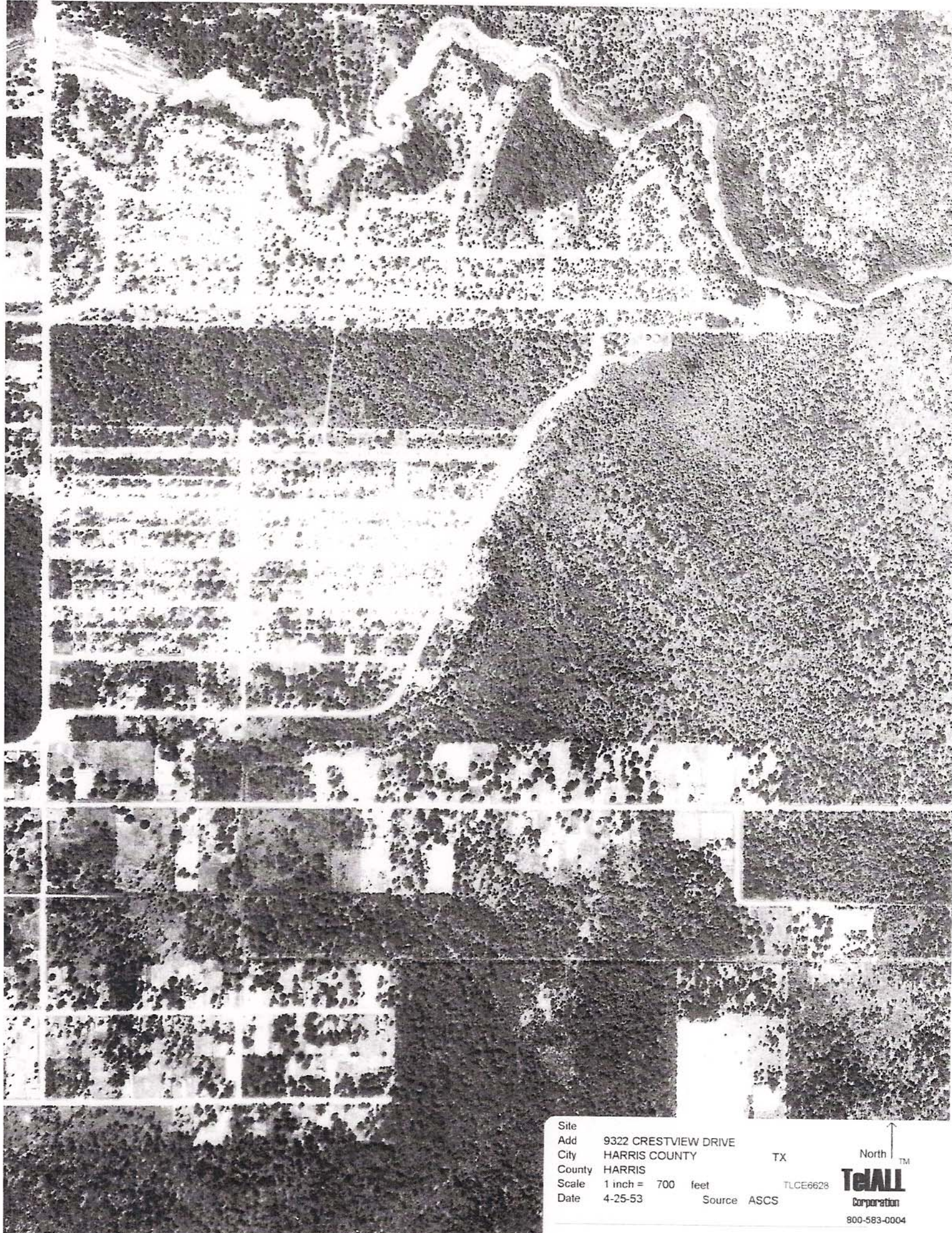


Site  
Add 9322 CRESTVIEW DRIVE  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet  
Date 3-31-44 Source ASCS

TLCE6628

North ↑  
TM  
**TedALL**  
Corporation  
800-583-0004





Site  
Add 9322 CRESTVIEW DRIVE  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet  
Date 4-25-53 Source ASCS

TLCE6628

North  
TeALL  
Corporation  
800-583-0004



TIDWELL RD.

Site  
Add 9322 CRESTVIEW DRIVE  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet  
Date 2-21-69

Source WALLACE ZINGER Corporation

North ↑

**TcMALL**

800-583-0004

WALLACE-Z  
*Aerial*





**TeALL**  
Corporation

800-583-0004





Site  
Add 9322 CRESTVIEW DRIVE  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6628  
Date 3-25-79 Source TXDOT

North ↑  
**TelALL**™  
Corporation  
800-583-0004





Site 9322 CRESTVIEW DRIVE  
Add HARRIS COUNTY TX  
City HARRIS  
County HARRIS  
Scale 1 inch = 700 feet TLCE6628  
Date 2-95 Source USGS

North ↑  
TM  
**Tetall**  
Corporation  
800-583-0004





Site  
Add 9322 CRESTVIEW DRIVE  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6628  
Date 2002 Source HGACOG

North ↑  
**TdALL**  
Corporation  
800-583-0004



# **Appendix III**

## **Supplemental Data**

**HARRIS COUNTY APPRAISAL MAPS**

**QUESTIONNAIRES**

**HFD HAZMAT DATA**

**CITY OF HOUSTON ECRE**

**City Telephone Directory Search-9322 Crestview Drive**

<b>1960</b>	<b>1965</b>	<b>1970</b>
9302-R	9302-R	9302-R
9306-R	9306-R	9306-R
9310-R	9310-R	9310-R
9314-R	9314-R	9314-R
9318-R	9318-no return	9318-R
9402-V	9402-V	9402-V

**R-Residential**

**V-Vacancy**

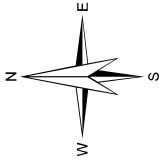


# **HARRIS COUNTY APPRAISAL MAPS**

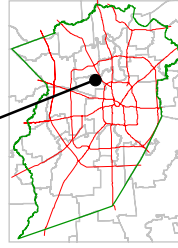
# Harris County Appraisal District



PUBLICATION DATE:  
4/19/2005

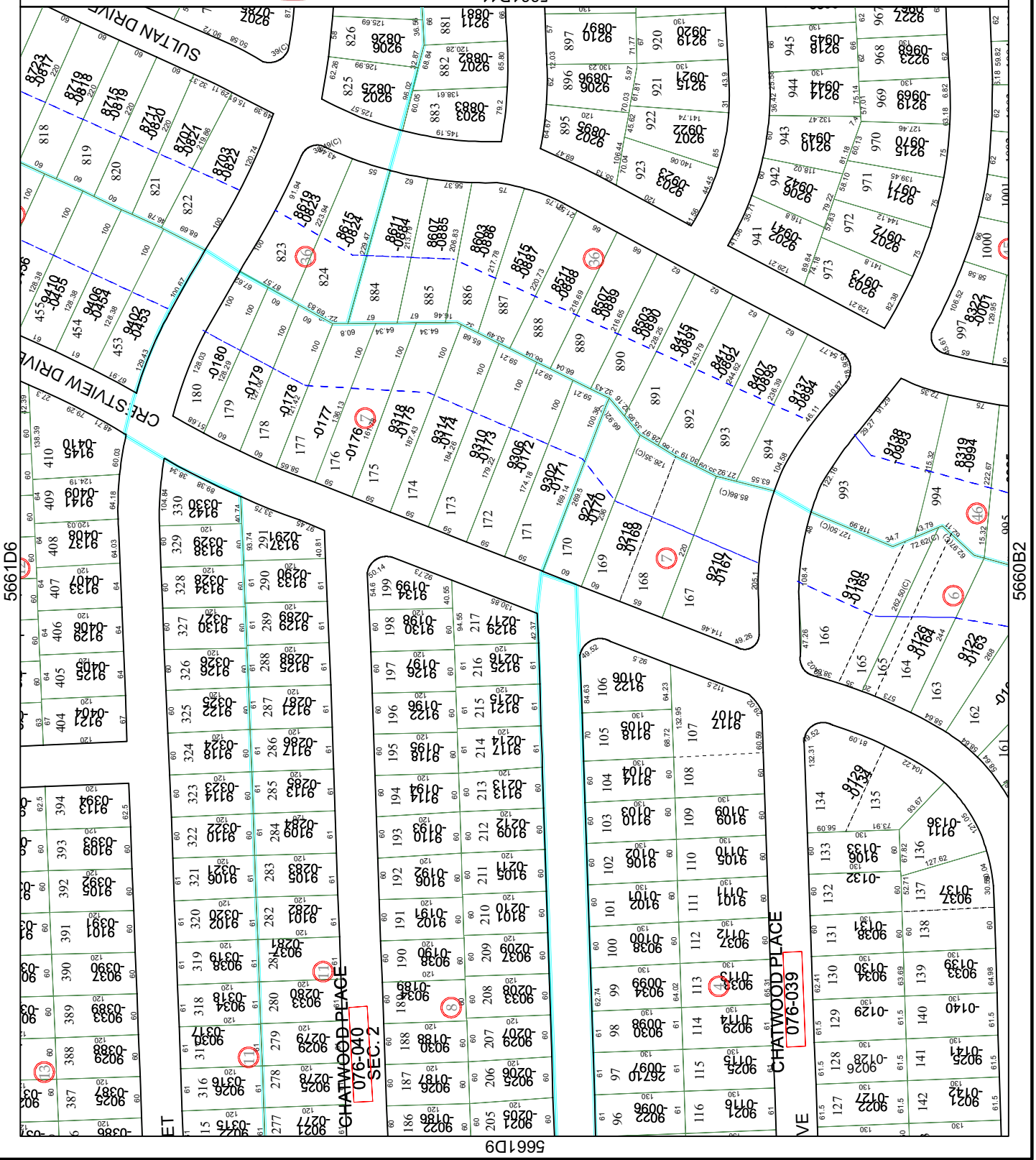


MAP LOCATION



## FACET 5661D

1	2	3	4
5	6	7	8
9	10	11	12



# **HFD HAZMAT DATA**

000601224 - 06/01/00 - 8609 City Park Loop - Hydraulic Oil - 15 gal  
000609410 - 06/09/00 - 3800 N. McCarty - Human Waste - Undetrmd Amt  
000620221 - 06/20/00 - 8850 North Loop East - Diesel - Undetrmd Amt  
000922147 - 09/22/00 - 9360 Wallisville Rd. - Motor Oil - 10 gal  
001025060 - 10/25/00 - 8855 City Park Loop - Diesel - 2 gal  
001205298 - 12/05/00 - 8100 North Loop East & McCarty - Unknown - Undetrmd Amt  
001211417 - 12/11/00 - 9364 Wallisville - Natural Gas - Undetrmd Amt

010109400 - 01/09/01 - 3919 N. McCarty - Gasoline; Diesel - 25 gal; 15 gal  
010403199 - 04/03/01 - 8989 North Loop East - Propane - No Release  
010526283 - 05/26/01 - 8800 North Loop East - Motor Oil; Hydraulic Oil - 1 gal; 10 gal  
010711114 - 07/11/01 - 8800 North Loop East & McCarty - Diesel - 10 gal  
010905168 - 09/05/01 - 8800 North Loop East - (Turn around) -  
011027010 - 10/27/01 - 8100 North Loop East - Diesel - 40 gal

020515603 - 05/15/02 - 8100 North Loop East - Phosphonium Tetrakis(Hydroxymethyl)  
Sulfate - 50 gal  
021002074 - 10/02/02 - 3809 Manitou - Hydrochloric Acid - 1 gal

030508183 - 05/08/03 - 9300 Wallisville Rd. - Natural Gas - Undetrmd Amt  
030603568 - 06/03/03 - 3833 Manitou Dr. - Natural Gas - Undetrmd Amt  
030725527 - 07/25/03 - 8909 North Loop East - Diesel - 65 gal  
0310230046 - 10/23/03 - 3898 N. McCarty & North Loop East - Motor Oil - 15 gal  
0311110156 - 11/11/03 - 9415 Wallisville - \*Nitric Oxide - Undetrmd Amt

0401110226 - 01/11/04 - 3940 N. McCarty - Natural Gas - Undetrmd Amt  
0402130265 - 02/13/04 - 9100 North Loop East - (Turn around) -  
0402240044 - 02/24/04 - 3900 N. McCarty - Explosives, Division 1.4 - No Release  
0404140401 - 04/14/04 - 9362 Wallisville - (Turn around) -  
0407090302 - 07/09/04 - 8799 North Loop East - Triethylene Glycol - 7 gal  
0408130503 - 08/13/04 - 8900 North Loop East - Gasoline - 15 gal  
0408200145 - 08/20/04 - 9201 Wallisville Rd. - (Turn around) -

End search: 19:08:41 (1 mins., 54 secs.) 7/15/2005 - 19:09:06

Search ID #002734: Key Map coordinate 455H

*Crestview*

951011076 - 10/11/95 - 9239 Mirawood - Malathion insecticide Undetrmd Amt

960128440 - 01/28/96 - 9314 Talton - (Turn around) -  
960712368 - 07/12/96 - 8902 Oak Knoll - (Turn around) -

970425606 - 04/25/97 - 9222 Woodlyn - (Turn around) -

980713447 - 07/13/98 - 9138 Talton - (Turn around) -  
980727323 - 07/27/98 - 9157 Woodlyn - (Turn around) -

No incidents in Key Map coordinate 455H during 1999.

No incidents in Key Map coordinate 455H during 2000.

No incidents in Key Map coordinate 455H during 2001.

No incidents in Key Map coordinate 455H during 2002.

No incidents in Key Map coordinate 455H during 2003.

No incidents in Key Map coordinate 455H during 2004.

End search: 19:09:48 (0 mins., 42 secs.) 7/15/2005 → 19:09:58

Search ID #002735: Key Map coordinate 455N

*Miley*

950501223 - 05/01/95 - 5800 Kirkpatrick (Settegast Yard) - \*Hydrogen Cyanide anhydrous - No Release

960628407 - 06/28/96 - 7717 Howton - (Turn around) -

960910169 - 09/10/96 - 6800 Kirkpatrick (Settegast Yard) - Toluene; Xylene - 5 gal; 5 gal

970623474 - 06/23/97 - 5000 Kirkpatrick - \*Hydrogen Cyanide anhydrous - No Release

No incidents in Key Map coordinate 455N during 1998..

No incidents in Key Map coordinate 455N during 1999.

No incidents in Key Map coordinate 455N during 2000.

No incidents in Key Map coordinate 455N during 2001.

021014182 - 10/14/02 - 7206 Jay - (Turn around) -

030911571 - 09/11/03 - 7318 Miley - (Turn around) -

No incidents in Key Map coordinate 455N during 2004.

End search: 19:10:37 (0 mins., 39 secs.) 7/15/2005

19:10:53

Search ID #002736: Key Map coordinate 454R

No incidents in Key Map coordinate 454R during 1995.

No incidents in Key Map coordinate 454R during 1996.

# **CITY OF HOUSTON ECRE**

## **SUBJECT: ENVIRONMENTAL SITE ASSESSMENTS PHASE I**

### **1. PURPOSE**

This procedure provides guidelines for conducting Phase I Environmental Site Assessments for land involved in City of Houston real estate transactions, inter-departmental transfers, or construction projects, as well as rights-of-way which will be involved in City of Houston construction projects.

### **2. APPLICATION**

This procedure is to be used by all divisions involved in engineering/design, real estate, construction management, and also City consultants and subconsultants.

### **3. OBJECTIVE**

The objective of this procedure when used for real estate transactions is to discover any existing potential adverse environmental conditions consisting of the presence of hazardous substances or petroleum products on the property in question and adjacent properties, prior to the transaction.

For construction projects, the objective is to document environmental conditions of construction zones and areas immediately adjacent to the construction zone that could impact the design, construction or performance of a proposed construction project, prior to the design of the project and the solicitation of the bids.

### **4. BACKGROUND**

Since 1994, the City has maintained the policy of requiring that a Phase I Environmental Site Assessment (ESA) be conducted on property to be acquired and on construction projects involving excavation or installation of underground utilities located in City rights-of-way. Some of the ESAs were performed in-house by City personnel and others were performed by private consulting firms working under contract to the City or as a subcontractor. Previous standards and guidelines for ESAs developed by the City have relied upon generally accepted, industry standard practices or upon the Standard Practice developed by the American Society for Testing and Materials (ASTM), first published in 1993 and subsequently revised in 1994 and 1997.

As time has progressed, it has become evident that in certain situations additional information beyond the minimum required in the ASTM Standard is appropriate. Other situations suggest that the ASTM Standard requirements are excessive for certain types of projects. In order to provide guidance to those persons and firms



conducting Phase I ESAs for the City, this Standard Practice categorizes the various types of projects that require a Phase I ESA and sets a minimum scope of work for the ESA.

## 5. PROCEDURES

Below are the minimum scopes of work for Phase I ESA for (A) property to be acquired by the City; (B) property involved in divestitures and inter-departmental transfers; and (C) City construction projects. If a project will involve the acquisition of an additional easement for a right-of-way and construction in that right-of-way (e.g., the acquisition of curb cuts for a street widening project), the project shall be treated as a construction project and subject to Section C below.

- A. A Phase I ESA on property to be acquired by the City should conform to the ASTM Standard Practice E 1 627-97 with the following additions:
- 1) The sources of historical data reviewed for a site shall include, at a minimum, historic aerial photographs, fire insurance maps (where available), local city street directories (where available), and recorded land title records (Chain of Title). Applicable copies of these sources shall be presented in the report. One aerial photograph for approximately every five years from approximately 1950 to the present shall be obtained of an appropriate scale (if available) to clearly indicate site detail. Sites inside the IH-610 Loop shall have property usage identified from the present, back a minimum of 100 years, or to the property's obvious first development, whichever is earlier.
  - 2) If regulatory records indicate that Leaking Petroleum Storage Tank (LPST) or state superfund facilities are located within 500 feet of the site, the latest comprehensive assessment or monitoring report maintained on the facility by the Texas Natural Resource Conservation Commission (TNRCC) shall be reviewed and summarized in the ESA report. All records reviewed shall be conducted during the Phase I ESA. (Files may be ordered for express delivery from the TNRCC Central Records at 512-239-2927.)
  - 3) If regulatory records indicate that a federal superfund facility is located within approximately 1/4 mile of the site<sup>1</sup> the files maintained on that facility by the public library shall be reviewed and summarized in the ESA report. (Files are available in the Government Documents Section of the Central Houston Public Library<sup>1</sup> 500 McKinney, Houston.)
  - 4) The TNRCC's Voluntary Cleanup Program database shall be searched

for facilities that are located within approximately 1/4 mile of the site.  
(The database is regularly updated and is accessible on the Internet at <http://www.tnrcc.state.tx.us/lwaste/pcd/vcp/index.html#database>)

- 5) If buildings or structures are located on the site which were built before 1960, the ESA shall include a statement from a qualified asbestos/lead professional giving a list of observed suspect asbestos-containing materials and lead-based painted surfaces. If materials generally known to be asbestos or lead containing (i.e.: 9" x 9" floor tiles, transite panels, or floor paint striping) are observed, specific mention should be made with quantities estimated.
- 6) If the site includes undeveloped property which will be developed<sup>1</sup> available wetlands maps shall be obtained and reviewed, the presence of hydric soil types shall be reviewed using published information, and the presence of standing or flowing water shall be investigated during the site inspection. The environmental professional shall make a statement in the report concerning the potential for the presence of wetlands on the site and whether a full wetlands determination or delineation is recommended.
- 7) In addition to the interviews required in the ASTM Standard Practice, interviews shall also be conducted with owners or occupants of off-site facilities within 500 feet of the site as follows:
  - a) All commercial businesses that typically use hazardous chemicals or petroleum substances, such as dry cleaners, photo developers, mortuaries, and automotive service centers.
  - b) Selected or representative commercial establishments that do not typically use hazardous chemicals or petroleum substances,
  - c) All facilities identified in the regulatory records review, and
  - d) All industrial facilities.
- 8) If the site is in an area of known oil and gas production operations a record search for oil and gas exploration and production wells on or adjacent to the site shall be included In the ESA.
- 9) The environmental professional who conducted the ESA shall make recommendations for Phase II testing, as appropriate which shall be thorough enough to support a Phase II ESA.

- B Phase I Environmental Site Assessments On property involved in divestitures or Inter-departmental transfers may conform to the ASTM Standard Practice for Transaction Screen Process, E 1528-96, if the property has a low profile and low potential for adverse environmental impact, such as excess vacant property located in a residential area. Property involved in divestitures or inter-departmental transfers that are high profile and/or have a higher potential for adverse environmental impacts, such as developed property in a commercial or industrial area, should utilize ASTM Standard Practice E 1527 97 with the additions listed above In Section A,1) through 9).
- C Phase I Environmental Site Assessments on rights-of-way which will be involved in City construction projects shall conform to the ASTM Standard Practice E 1527-97 with the following reductions (Item 1) and additions (Items 2 through 8):
- 1) The approximate minimum search distance for Standard Environmental Record Sources, except for Federal National Priorities List (NPL), Federal RCRA TSD Facilities, and Texas Hazardous Waste Sites (HWS) may be reduced, pursuant to ASTM E 1527-97 7.1.2.1, to a radius of 500 feet unless there is a justifiable reason to maintain a larger radius. The minimum search distance for Federal NPL, Federal RCRA TSD and Texas HWS facilities shall be maintained at the ASTM specified distance of 1.0 mile. *(The reduction is reasonable In light of the geological characteristics found In Houston, and the focus of the ESA being discovery of potential shallow contaminants in corridor construction zones.)*
  - 2) The sources of historical data reviewed for a project shall include, at a minimum, historic aerial photographs, fire insurance maps (where available), and local city street directories (where available). Applicable copies of these sources shall be presented in the report. (Review of land title records or a Chain of Title is not required since no property is being acquired).
  - 3) If the regulatory records indicate that Leaking Petroleum Storage Tank (I-PST) or state superfund facilities are located within 500 feet of the site, the latest comprehensive assessment or monitoring report maintained on the facility by the Texas Natural Resource Conservation Commission (TNRCC) shall be reviewed and summarized in the ESA report. All records reviewed shall be conducted during the Phase I ESA. (Files may be ordered for express delivery from the TNRCC Central Records at 512-239-2927.)

- 4) If regulatory records indicate that a federal superfund facility is located within approximately ¼ mile of the site, the files maintained on that facility by the public library shall be reviewed and summarized in the ESA report. (Files are available in the Government Documents Section of the Central Houston Public Library, 500 McKinney, Houston.)
- 5) The TNRCC's Voluntary Cleanup Program database shall be searched or facilities located within approximately 500 feet of the right-of-way, (The database is regularly updated and is accessible on the Internet at <http://www.tnrcc.state.tx.us/waste/pcd/vcp/index.html#database>)
- 6) Interviews shall be conducted with owners or occupants of facilities directly adjacent to the right-of-way as follows:
  - a) All commercial businesses that typically use hazardous chemicals of petroleum substances, such as dry cleaners, photo developers mortuaries, and automotive service centers,
  - b) Selected or representative commercial establishments that do not typically use hazardous chemicals or petroleum substances,
  - c) All facilities identified in the regulatory records review, and
  - d) All Industrial facilities.
- 7) If the site is in an area of known oil and gas production operations, an oil and gas survey shall be included in the ESA.
- 8) The environmental professional who conducted the ESA shall make recommendations for Phase II testing, as appropriate, which shall be thorough enough to support a Phase II ESA.

## 6. ADMINISTRATIVE CONTROLS

- A. Maintenance Responsibility - Responsibility for updating this procedure is assigned to the Environmental Engineering Section of the Facilities Division.
- B. Filing Procedures - This procedure is to be filed numerically with other Standard Practices in the Project Manager's Manual and in the ECRE Procedures Manual.